

THOMPSON TOWNSHIP

START BURROWS ROAD
STA. 88+40
S.L.M. 1.69

END BURROWS ROAD
STA. 202+90
S.L.M. 3.84

MONTVILLE TOWNSHIP

ASHTABULA COUNTY

41°38'30.6"N, 81°02'40.9"W

LOCATION MAP

RC-0060-CD-2026

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DESIGNER	HAE
REVIEWER	SCO 5/1/2026
PROJECT ID	RC-0060-CD-2026
SHEET	TOTAL
3	23

UTILITIES

THE CONTRACTOR SHALL CONTACT OHIO811 A MINIMUM OF TWO (2) WORKING DAYS PRIOR TO COMMENCING ANY WORK. CALL 8-1-1 OR (800) 362-2764 OR GO TO [HTTPS://OUPS.ORG/](https://oups.org/). THERE ARE NO UNDERGROUND UTILITIES SHOWN ON THIS PLAN. THE NATURE OF THE WORK REQUIRED BY THIS PROJECT WILL NOT AFFECT ANY KNOWN UNDERGROUND UTILITIES THAT EXIST UNDER, OR ADJACENT TO, THE WORK AREA. LISTED BELOW ARE ALL UTILITIES LOCATED WITHIN THE PROJECT CONSTRUCTION LIMITS TOGETHER WITH THEIR RESPECTIVE OWNERS:

ELECTRIC: ILLUMINATING COMPANY 7755 AUBURN ROAD CONCORD, OH 44077 (440) 358-4944	GAS: ENBRIDGE GAS OHIO 320 SPRINGSIDE DR SUITE 320 AKRON, OHIO 44333 (330) 664-2409	GAS: NORTHERN INDUSTRIAL ENERGY DEVELOPMENT 9010 TYLER BOULEVARD MENTOR, OH 44060 PHONE: (440) 255-1945	GAS: NORTHEAST OHIO NATURAL GAS 5640 LANCASTER-NEWARK RD NE PLEASANTVILLE, OH 43148 PHONE: (880) 237-2099
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CABLE:
KINETIC (FORMERLY WINDSTREAM)
205 S. HAMB DEN STREET
CHARDON, OH 44024
PHONE: (440) 285-5474

LOCAL OFFICIALS

THE CONTRACTOR SHALL NOTIFY THE LOCAL FIRE DEPARTMENT, POLICE AND OTHER APPROPRIATE AGENCIES THAT MAY REQUIRE THE USE OF THE ROAD DURING EMERGENCY SITUATIONS. IF ANY AREA BECOMES INACCESSIBLE AT ANY TIME, THE CONTRACTOR SHALL IMMEDIATELY NOTIFY THE AGENCIES OF THESE LOCATIONS. THE CONTRACTOR SHALL SCHEDULE HIS WORK AND COORDINATE WITH LOCAL SCHOOLS AS LISTED BELOW TO ACCOMMODATE THE PICK-UP AND DELIVERY OF SCHOOL STUDENTS IF APPLICABLE.

GEAUGA COUNTY SHERIFF 12450 MERRITT ROAD CHARDON, OH 44024 (440) 279-2009	STATE HIGHWAY PATROL 530 CENTER STREET CHARDON, OH 44024 (440) 286-6612	GEAUGA TRANSIT 12555 MERRITT ROAD CHARDON, OH 44024 (440) 279-2150
THE METZENBAUM CENTER 8200 CEDAR ROAD CHESTERLAND, OH 44026 (440) 729-9406	USPS - THOMPSON 6714 MADISON ROAD THOMPSON, OH 44086 (440) 298-3331	BERKSHIRE LSD 14155 CLARIDON TROY ROAD BURTON , OH 44021 (440) 834-3380
THOMPSON TOWNSHIP 6751 MADISON RD THOMPSON, OH 44086 (440) 298-9813	THOMPSON FIRE DEPT. 6778 MADISON ROAD THOMPSON, OH 44086 (440) 298-1405	THOMPSON POLICE DEPT. 6784 MADISON ROAD THOMPSON, OH 44086 (440) 298-1305

CONTINGENCY QUANTITIES

THE CONTRACTOR SHALL NOT ORDER MATERIALS OR PERFORM WORK FOR ITEMS DESIGNATED BY PLAN NOTE TO BE USED "AS DIRECTED BY THE ENGINEER" UNLESS AUTHORIZED BY THE ENGINEER. THE ACTUAL WORK LOCATIONS AND QUANTITIES USED FOR SUCH ITEMS SHALL BE INCORPORATED INTO THE CONTRACTORS MONTHLY INVOICES.

PRECONSTRUCTION MEETING

A PRE-CONSTRUCTION CONFERENCE WILL BE SCHEDULED BY THE ENGINEER WITH THE CONTRACTOR PRIOR TO THE START OF CONSTRUCTION. THE CONTRACTOR SHALL SUBMIT A DETAILED SCHEDULE OF OPERATIONS FOR APPROVAL 24 HOURS PRIOR TO THE PRE-CONSTRUCTION MEETING. THE CONTRACTOR SHALL NOTIFY THE ENGINEER AT LEAST SEVEN (7) DAYS IN ADVANCE OF THE BEGINNING OF CONSTRUCTION, SO THE ENGINEER MAY SCHEDULE THE INSPECTION.

GENERAL NOTES

RC-0060-CD-2026

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SEQUENCE OF CONSTRUCTION

UNLESS APPROVED BY THE ENGINEER, THE CONTRACTOR SHALL PLAN AND PROSECUTE THE WORK IN ACCORDANCE WITH THE SEQUENCE OF CONSTRUCTION:

- 1. PRE-CONSTRUCTION MEETING
- 2. TRAFFIC MAINTENANCE INSTALL / MOBILIZATION
- 3. CEMENT STABILIZATION
- 4. PAVEMENT REPAIRS
- 5. ASPHALT PAVING (AT SR 528)
- 6. COMPACTED AGGREGATE BERM
- 7. INITIAL CHIP SEAL APPLICATION
- 8. FINAL CHIP SEAL APPLICATION
- 9. SEAL JOINTS
- 10. PERMANENT PAVEMENT MARKINGS
- 11. INCIDENTALS / PUNCH LIST

ITEM 202 - WEARING COURSE REMOVED

BUTT JOINTS, PER ODOT SCD BP-3.1, SHALL BE REQUIRED AT THE LOCATIONS LISTED BELOW. THE ACTUAL LOCATIONS OF ALL BUTT JOINTS WILL BE MARKED IN THE FIELD BY THE ENGINEER. THE EXISTING PAVEMENT SHALL BE GROUND TRANSVERSELY, USING A SELF-PROPELLED GRINDER AS APPROVED BY THE ENGINEER. THE CONTRACTOR SHALL REMOVE ALL GRINDINGS FROM THE JOB SITE AND THOROUGHLY SWEEP THE ROADWAY BEFORE OPENING IT UP TO TRAFFIC.

BURROWS ROAD AT SR 528

80 SY

ITEM 203 - EXCAVATION

THIS ITEM SHALL CONSIST OF EXCAVATING ALL MATERIALS TO THE LINES AND GRADES SHOWN IN THE PLANS. THIS WORK IS PRIMARILY EXCAVATION OF THE PREGROUND MAINLINE PAVEMENT AND ADJACENT SUBGRADE. ALL SUITABLE MATERIAL EXCAVATED FROM THE SITE SHALL BE RETAINED AND USED FOR ITEM 203 EMBANKMENT. THIS ITEM SHALL INCLUDE TEMPORARY STOCKPILING OF MATERIAL UNTIL IT CAN BE PLACED IN EMBANKMENT AREAS. IF STOCKPILING IS REQUIRED, THE MATERIAL SHALL BE PROPERLY HANDLED TO AVOID PONDING WATER OR SEDIMENT LADEN RUNOFF.

THE CONTRACTOR SHALL MAINTAIN POSITIVE DRAINAGE OF THE ROADWAY THROUGHOUT EARTHWORK OPERATIONS. THIS INCLUDES CUTTING WIDE WEEP SLOTS AT REGULAR INTERVALS ALONG THE SHOULDER, SO RUNOFF DRAINS INTO THE DITCHES.

THE CONTRACTOR SHALL REMOVE AND PROPERLY DISPOSE OF ANY EXCAVATED MATERIAL THAT IS NOT SUITABLE FOR USE AS EMBANKMENT, AS DIRECTED BY THE ENGINEER. ALL HAULING AND HANDLING COSTS SHALL BE INCLUDED IN THE UNIT BID PRICE FOR EXCAVATION.

ITEM 203 - EMBANKMENT

THIS ITEM SHALL CONSIST OF PLACING AND COMPACTING SUITABLE EMBANKMENT MATERIAL IMPORTED AND GENERATED DURING EXCAVATION TO THE LINE AND GRADES SHOWN IN THE PLANS. ALL COSTS ASSOCIATED WITH COMPACTION TESTING SHALL BE INCLUDED IN THIS LINE ITEM.

ITEM 204 - EXCAVATION OF SUBGRADE, AS PER PLAN

MATERIAL IDENTIFIED AS UNSUITABLE SHALL BE EXCAVATED AND DISPOSED OF. THE EXCAVATION SHALL BE PROPERLY QUANTIFIED PRIOR TO BACKFILLING WITH AN ENGINEER APPROVED MATERIAL (304 OR NO. 1 & 2 STONE). ALL COSTS FOR THE MATERIAL, LABOR, EQUIPMENT, REMOVAL, DISPOSAL, BACKFILL AND COMPACTION NECESSARY TO PERFORM THIS WORK SHALL BE INCLUDED IN THE UNIT BID PRICE FOR THIS ITEM.

GENERAL NOTES

RC-0060-CD-2026
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SHEET	TOTAL
7	23

ITEM 206 - SUBGRADE PREPARATION, AS PER PLAN

PRIOR TO BEGINNING THE CEMENT STABILIZATION OPERATION, THE CONTRACTOR SHALL PRE-GRIND THE EXISTING ROADWAY AND BASE MATERIAL AT A MINIMUM DEPTH OF TWELVE INCHES (12"). THE CONTRACTOR SHALL SCARIFY THE EXISTING ROAD SURFACE, BASE AND SUBBASE AT THE DEPTH SPECIFIED AND DISTRIBUTE THE MATERIAL GENERATED TO GRADES, WIDTHS AND DEPTHS PROVIDED IN THE PLANS. THE CONTRACTOR MAY BE REQUIRED TO USE SCARIFYING OR OTHER GRINDING-TYPE EQUIPMENT TO PROPERLY LOOSEN MATERIAL OF THE EXISTING ROAD SURFACE AND BASE FOR THE GRADING WORK. THIS WORK SHALL BE PERFORMED ONE LANE AT A TIME IN ORDER TO MAINTAIN RESIDENTIAL TRAFFIC.

THIS WORK MAY REQUIRE THE MOVING OF MATERIALS FOR A DISTANCE UP TO ONE-QUARTER MILE AS DESCRIBED IN THE DESCRIPTION OF WORK. THE EXISTING SUBGRADE SHALL BE GRADED TO THE TOLERANCES SPECIFIED IN ODOT 203.08 IN CONJUNCTION WITH THE EXCAVATION AND EMBANKMENT WORK. PRE-GRIND WORK MAY REQUIRE A SEPARATE MOBILIZATION IN ADDITION TO THE MOBILIZATION REQUIRED TO PERFORM THE SUBGRADE PREPARATION AND STABILIZATION WORK.

ITEM 206 - PORTLAND CEMENT

THE CONTRACTOR SHALL PERFORM CEMENT STABILIZED SUBGRADE BY PLACING CEMENT AT THE RATIOS ESTABLISHED BY THE MIXTURE DESIGN AND TEST ROLLING. CEMENT SHALL BE MIXED, SHAPED, COMPACTED, FINE GRADED, AND FINISHED TO THE PROPOSED STABILIZED SUBGRADE ELEVATIONS. THE ENGINEER HAS ESTIMATED THE CEMENT QUANTITY FOR THIS PROJECT BASED UPON USING SIX (6) PERCENT OF PURE PORTLAND CEMENT MIXED INTO THE SOIL WEIGHING ONE HUNDRED TWENTY POUNDS (120 LBS.) PER CUBIC FOOT. THE AVERAGE DEPTH OF THE CEMENT-STABILIZED SUBGRADE IS TWELVE INCHES (12") WITH SOME AREAS UP TO TWENTY-FOUR INCHES (24").

ITEM 206 - CEMENT STABILIZED SUBGRADE, AS PER PLAN

AS APPROVED BY THE ENGINEER AND AFTER TWENTY-FOUR (24) HOURS OF WRITTEN NOTICE TO RESIDENTS, THE ROADWAY MAY BE CLOSED ALONG SHORT SECTIONS TO COMPLETE THE CEMENT STABILIZATION WORK. BOTH LANES SHALL BE COMPLETED AT THE SAME TIME TO ENSURE PROPER GRADING. AT ALL TIMES THE CONTRACTOR SHALL KEEP RESIDENTS NOTIFIED OF CLOSURE LOCATIONS AND KEEP THE DUST TO A MINIMUM. THE SUBGRADE SHALL BE RESHAPED TO THE PLAN LINES PRIOR TO THE MIXTURE OF CEMENT TO PERMIT THE CONSTRUCTION OF A UNIFORM COMPACTED COURSE OF CEMENT TREATED SOIL. THE COMPACTED CEMENT MIXED SUBGRADE SHALL BE SHAPED TO PLAN LINES WITHIN THE TOLERANCES FOR SUBGRADE AS PER ODOT 203.08. A ROAD GRADER SHALL BE USED FOR FINAL GRADING TO MEET LONGITUDINAL AND CROSS SLOPE REQUIREMENTS. A BULLDOZER MAY ONLY BE USED TO ESTABLISH ROUGH GRADING NOT FINAL GRADE.

FOLLOWING THE INITIAL CEMENT SUBGRADE MIXING, THE CONTRACTOR SHALL RE-MIX THE SUBGRADE AND INTRODUCE WATER TO BRING THE CEMENT MIXED SUBGRADE TO OPTIMUM MOISTURE. THE MIXTURE SHALL THEN BE SHAPED AND COMPACTED TO THE GRADE AS SHOWN ON THE TYPICAL SECTION, ELEVATION TABLES, CULDESAC DETAILS, AND INTERSECTION DETAILS. COMPACTION SHALL START IMMEDIATELY AFTER FINAL MIXING. FINAL ROLLING SHALL BE PERFORMED USING A STEEL-WHEELED ROLLER MEETING THE REQUIREMENTS OF ODOT 401.13. THE USE OF A VIBRATORY SHEEPSFOOT ROLLER OR ROLLERS WITH ADDITIONAL BALLAST TO GIVE GREATER UNIT PRESSURE MAY BE REQUIRED. USE MUST BE MADE OF THE GREATEST CONTACT PRESSURE THAT WILL NOT EXCEED THE BEARING CAPACITY OF THE SOIL-CEMENT MIXTURE AND THAT WILL STILL "WALKOUT" IN A REASONABLE NUMBER OF PASSES. SCARIFYING AND ADDITIONAL COMPACTING MAY BE NECESSARY TO ENHANCE COMPACTION. MATERIAL LOCATED OVER AND AROUND UTILITY CROSSINGS SHALL BE EXCAVATED, STABILIZED, AND RESET WITH CARE TO PREVENT DAMAGE TO THE UTILITY. IN ACCORDANCE WITH THE STANDARD CONTRACT PROVISIONS, THE CONTRACTOR SHALL KEEP ALL STREETS, CURBING AND LAWNS CLEAN AND REMOVE RUBBISH, EXCESS MATERIALS AND DEBRIS CAUSED BY THE WORK.

THE COMPACTED CEMENT SOIL STABILIZED SUBGRADE SHALL BE CURED FOR AT LEAST SEVEN (7) DAYS AND NO MORE THAN TEN (10) DAYS BEFORE THE PLACEMENT OF THE OVERLAYING COURSE AND AFTER THE COMPRESSIVE STRENGTH EXCEEDS 200 PSI. THE CONTRACTOR SHALL PROTECT THE STABILIZED SUBGRADE, AND ALL CONSTRUCTION TRAFFIC SHALL REFRAIN FROM USING THE STABILIZED SUBGRADE DURING THE CURE PERIOD. CONTRACTOR SHALL BE RESPONSIBLE FOR PROTECTING THE STABILIZED SUBGRADE FROM FREEZING UNTIL AFTER THE CURE PERIOD.

GENERAL NOTES

RC-0060-CD-2026

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SHEET	TOTAL
8	23

ITEM 617 - COMPACTED AGGREGATE (RAP)

THE CONTRACTOR SHALL PLACE THE STABILIZED SHOULDER BACK UP MATERIAL AS SHOWN IN THE TYPICAL SECTION. THE MATERIAL SHALL BE PLACE IN 2 SEPERATE LIFTS. FIRST LIFT AFTER 301 BASE PLACEMENT. SECOND LIFT AFTER FINAL SURFACE COUSE HAS BEEN PLACED.

THE MATERIAL PLACEMENT SHALL NOT TAKE PLACE WITHIN A TWENTY-FOUR-HOUR (24HR) PERIOD OF TIME, BUT NOT MORE THAN SEVENTY-TWO HOURS (72HRS), AFTER THE PLACEMENT OF THE ASPHALT COURSE. THE ROADWAY SHALL BE SWEEPED AFTER THE PLACEMENT OF MATERIAL AND PRIOR TO COMPACTION. THE CONTRACTOR SHALL USE TWO ROLLERS TO COMPACT THE SHOULDER MATERIAL.

A CONTINGENCY QUANTITY HAS BEEN ADDED TO PROVIDE AGGREGATE FOR ALL NECESSARY DRIVEWAY TRANSITIONS THROUGHOUT THE ENTIRE PROJECT AS DIRECTED BY THE ENGINEER.

ITEM 623 - CONSTRUCTION LAYOUT STAKES AND SURVEYING

CONSTRUCTION LAYOUT STAKES AND SURVEYING SHALL BE PERFORMED BY AN OHIO REGISTERED PROFESSIONAL SURVEYOR. PHYSICAL STAKES SHALL BE SET AT A DISTANCE NOT TO EXCEED ONE HUNDRED FEET (100') FOR STRAIGHT SECTIONS AND FIFTY FEET (50') FOR CURVED SECTIONS FOR REFERENCE TO RE-ESTABLISH THE PAVEMENT CENTERLINE AND ELEVATIONS. AT INTERSECTIONS PHYSICAL STAKES SHALL BE SET AT A DISTANCE NOT TO EXCEED TEN FEET (10') TO ESTABLISH INTERSECTION RADII. STAKES SHALL BE INSTALLED ALONG BOTH SIDES OF THE CENTERLINE OF CONSTRUCTION AND LOCATED THREE (3) FEET OUTSIDE OF THE GRADING LIMITS. ADDITIONAL STAKING MAY BE NECESSARY FOR OTHER PROJECT REQUIREMENTS AND SHALL BE INCLUDED IN THE UNIT PRICE FOR THIS ITEM. THIS WORK SHALL ALSO INCLUDE PROVIDING DIGITAL AS-BUILT FILES OF THE COMPLETED WORK TO THE ENGINEER.

NO STAKING WILL BE REQUIRED FOR THE EXISTING PAVED SECTION, STA 157+90 TO 181+90

ITEM 642 - EDGE LINE, 4", TYPE 1

ITEM 642 - CENTER LINE, TYPE 1

THE CONTRACTOR SHALL APPLY PERMANENT PAINT PAVEMENT MARKINGS TO THE NEW SURFACE. RANGE TRACKING SHALL BE REQUIRED. THE CONTRACTOR SHALL APPLY PAVEMENT MARKINGS ACCORDING TO THE CENTERLINE LOGS APPROVED BY THE ENGINEER. THE LANES SHALL BE STRIPED AT A WIDTH OF TEN FEET (10'). EDGE LINES SHALL INCLUDE THE INTERSECTION RADII AND SHALL CONNECT TO THE INTERSECTING ROADWAYS.

ITEM 644 - STOP LINE

STOP LINES, PER ODOT SCD TC-71.10, SHALL BE PLACED AS LISTED AT THE LOCATIONS BELOW. THE ENGINEER WILL MARK THE EXACT LOCATION.

BURROWS ROAD AT MADISON ROAD	30 FT
SIDLEY ROAD AT BURROWS ROAD	50 FT
MURPHY ROAD AT BURROWS ROAD	20 FT

ITEM 653 - TOPSOIL FURNISHED AND PLACED

THE CONTRACTOR SHALL SPREAD THE TOPSOIL AT A DEPTH OF 2" OVER ALL DISTURBED AREAS, AT THE DIRECTION OF THE ENGINEER.

ITEM 659 - SEEDING AND MULCHING, CLASS 1, AS PER PLAN

SEEDING AND MULCHING SHALL BE APPLIED TO ALL AREAS OF EXPOSED SOIL BETWEEN THE RIGHT-OF-WAY LINES AND WITHIN THE CONSTRUCTION LIMITS FOR AREAS OUTSIDE THE RIGHT-OF-WAY LINES COVERED BY WORK AGREEMENT OR SLOPE EASEMENT. QUANTITY CALCULATIONS FOR SEEDING AND MULCHING ARE BASED ON THESE LIMITS. THE APPLICATION OF THE SEED AND MULCH SHALL BE APPLIED VIA HYDRO-SEEDING. FOR ESTIMATING PURPOSES ONLY, THE FOLLOWING QUANTITIES ARE PROVIDED, WHICH SHALL BE INCIDENTAL TO THE UNIT PRICE BID FOR ITEM 659 - SEEDING AND MULCHING, CLASS 1, AS PER PLAN:

DESIGNER	
HAE	
REVIEWER	
SCO	5/1/2026
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SHEET	TOTAL
13	23

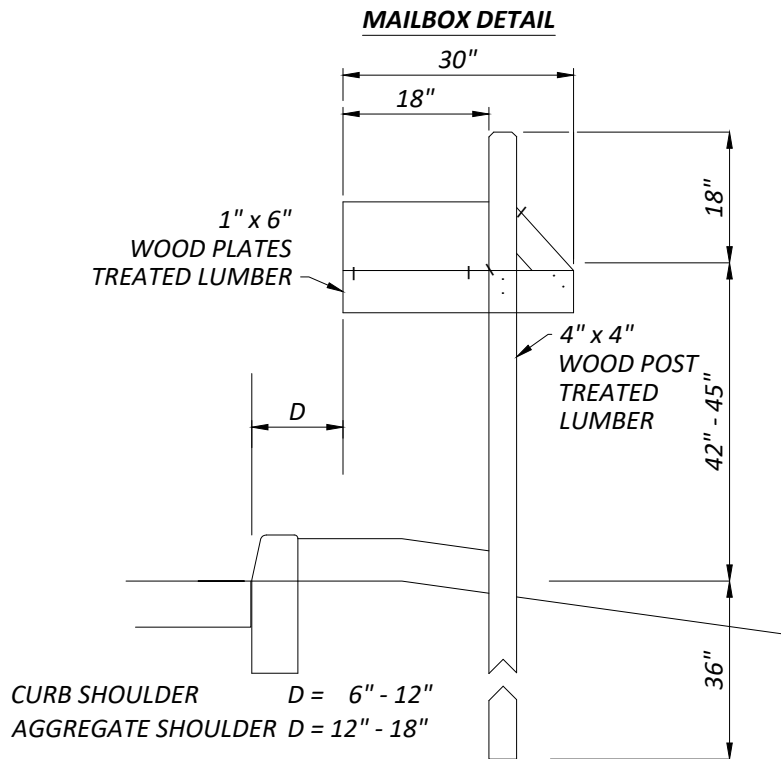
ITEM SPECIAL - MAILBOX ASSEMBLY, REMOVED AND RESET

AS DIRECTED BY THE ENGINEER, THIS WORK SHALL CONSIST OF REMOVING AND RESETTING EXISTING MAILBOX ASSEMBLIES PER THE MAILBOX DETAIL. THE CONTRACTOR SHALL MAINTAIN ACCESS TO ALL MAILBOXES FOR THE DURATION OF THE PROJECT.

IF THE ENGINEER DETERMINES THE EXISTING SUPPORT UNUSABLE, THE CONTRACTOR SHALL FURNISH AND INSTALL A NEW MAILBOX SUPPORT AND PROPERLY DISPOSE OF THE EXISTING SUPPORT.

SET OR DRIVE POSTS PLUMB IN A MANNER THAT PREVENTS BATTERING OR DISTORTION OF POSTS. ATTACHMENT HARDWARE (PLATES, BOLTS, ETC.) SHALL BE MADE OF COMMERCIAL-GRADE STEEL. COATED DECK SCREWS SHALL BE USED. SUPPORT HARDWARE SHALL ACCOMMODATE EITHER A SINGLE OR A DOUBLE MAILBOX INSTALLATION. NO MORE THAN TWO BOXES MAY BE MOUNTED ON A SINGLE POST. THE CONTRACTOR SHALL SECURELY ATTACH THE MAILBOX TO THE NEW SUPPORT. THE CONTRACTOR SHALL FURNISH ALL NECESSARY ATTACHMENT HARDWARE (SCREWS, NUTS, BOLTS, PLATES, SPACERS, AND WASHERS) AS NECESSARY TO ACCOMMODATE THE COMPLETE INSTALLATION. IN THE ABSENCE OF A NEW BOX SUPPLIED BY THE RESIDENT, OR BY OTHERS, THE CONTRACTOR SHALL SALVAGE THE EXISTING BOX AND PLACE IT ON THE NEW SUPPORT.

DUE CARE SHALL BE EXERCISED IN SUCH AN OPERATION, AND THE CONTRACTOR SHALL BE RESPONSIBLE FOR REPAIRING OR REPLACING ANY ASSEMBLY DAMAGED BY IMPROPER HANDLING BY THE CONTRACTOR WITH AN EQUAL ASSEMBLY AS DIRECTED BY THE ENGINEER. THE CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATING WITH THE LOCAL POSTMASTER REGARDING THE TIMING OF THE MOVEMENT OF ANY MAILBOX TO A NEW LOCATION.



GENERAL NOTES

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14	23

BURROWS ROAD 2.17 MILES 300 VEHICLES PER DAY

ITEM 614 - MAINTAINING TRAFFIC

TRAFFIC SHALL BE MAINTAINED FOR THE DURATION OF THE PROJECT. THE CONTRACTOR SHALL FURNISH AT LEAST TWO (2) EMPLOYEES TO SERVE AS TRAFFIC CONTROL FLAGGERS AND THE WORK ZONE SHALL FOLLOW THE SPECIFICATIONS SET FORTH IN ODOT SCD MT-97.12 UNLESS NOTED OTHERWISE. IN ORDER TO PROPERLY MAINTAIN TRAFFIC, THE CONTRACTOR SHALL USE ADDITIONAL FLAGGERS WHEN WORKING AT THE INTERSECTIONS OF ADJACENT ROADS.

ALL TRAFFIC CONTROL DEVICES SHALL BE INSTALLED, MAINTAINED, AND REMOVED BY THE CONTRACTOR. ADDITIONAL SIGNS MAY BE REQUIRED AND INSTALLED AS DIRECTED BY THE ENGINEER. ROAD WORK SIGNS (W20-1) AND ADVANCE STREET NAME PLAQUES (W16-8P) SHALL BE PLACED IN ADVANCE OF AND ON ALL APPROACHES TO THE PROJECT. BUMP (W8-1) SIGNS SHALL BE PLACED IN EACH DIRECTION AT ALL BUTT JOINT LOCATIONS.

ALL WORK AND TRAFFIC CONTROL DEVICES SHALL BE IN ACCORDANCE WITH ITEM 614 AND OTHER APPLICABLE PORTIONS OF THE SPECIFICATIONS, AS WELL AS THE OHIO MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES (OMUTCD). THE CONTRACTOR SHALL FREQUENTLY REVIEW ALL PROJECT SIGNING FOR COMPLIANCE WITH THE PLANS AND THE MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES AND SHALL IMMEDIATELY CORRECT DEFECTS FOUND TO ENSURE THE SAFETY OF THE TRAVELING PUBLIC. PAYMENT FOR ALL LABOR, TRAFFIC CONTROL DEVICES, EQUIPMENT, AND MATERIALS SHALL BE INCLUDED IN THE LUMP SUM PRICE FOR THIS ITEM UNLESS SEPARATELY ITEMIZED IN THE PLAN.

“LOOSE STONE/GRAVEL” (W8-7) AND “FRESH TAR” (W21-2) SIGNS SHALL BE PLACED AT THE BEGINNING AND END LOCATIONS OF THE PROJECT.

DURING THE CEMENT STABILIZATION WORK, THE ROADWAY SHALL BE CLOSED TO TRAFFIC ALONG SHORT SECTIONS AS APPROVED BY THE ENGINEER. THE CONTRACTOR SHALL FURNISH, ERECT, AND MAINTAIN TYPE III PORTABLE BARRICADES ON ROAD NAME, AT THE INTERSECTIONS WITH ROAD NAME AND ROAD NAME WITH A “ROAD CLOSED-NO THRU TRAFFIC” (R11-3) SIGN ON THE FRONT AND A OM1-1 ON THE BACK. ALL PORTABLE BARRICADES SHALL BE EQUIPPED WITH TWO (2) TYPE B FLASHING WARNING LIGHTS VISIBLE TO TRAFFIC APPROACHING FROM BOTH SIDES.

THE CONTRACTOR SHALL TEMPORARILY CLOSE THE ROADWAY TO THROUGH TRAFFIC AS NECESSARY TO PERFORM THE CHIP SEAL OPERATION. THE CONTRACTOR SHALL FURNISH AT LEAST THREE EMPLOYEES TO SERVE AS TRAFFIC CONTROL FLAGGERS. A FLAGGER SHALL BE PLACED AT EACH END OF THE TEMPORARILY CLOSED SECTION AND ONE FLAGGER SHALL BE USED TO MAINTAIN RESIDENTIAL TRAFFIC. ROAD ACCESS SHALL BE RESTORED AT THE END OF EACH WORKDAY.

MAINTENANCE OF TRAFFIC

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15	23

THE PRECISION (SIGNIFICANT DECIMAL PLACE) FOR INDIVIDUAL CONTRACT ITEMS WILL BE PAID BASED ON THE PRECISION PROVIDED IN THE GENERAL SUMMARY. THIS SHALL SUPERSEDE THE PRECISION PROVIDED IN THE BID PROPOSAL SHOULD ANY DISCREPANCY OCCUR.

TOTALS	CONTINGENCY	ITEM	GRAND TOTAL	UNIT	DESCRIPTION
TR-0060					
BURROWS RD					
80	20	202	100	SY	WEARING COURSE REMOVED
496	104	203	600	CY	EXCAVATION
552	48	203	600	CY	EMBANKMENT
0	100	204	100	CY	EXCAVATION OF SUBGRADE, AS PER PLAN
22200.0	300	206	22500.0	SY	SUBGRADE PREPARATION, AS PER PLAN
765.5	9.5	206	775.0	TON	PORTLAND CEMENT
22200.0	300	206	22500.0	SY	CEMENT STABILIZED SUBGRADE, AS PER PLAN
375.0	0	206	375.0	CY	CEMENT STABILIZED SUBGRADE, EXTRA VOLUME
22200.0	300	206	22500.0	SY	CURING COAT
8.0	0	206	8.0	HOURL	TEST ROLLING
		206	1	LUMP	MIXTURE DESIGN FOR CHEMICALLY STABILIZED SOIL
73.0	27.0	253	100.0	CY	PAVEMENT REPAIR, 6"
130.0	10.0	301	140.0	CY	ASPHALT CONCRETE BASE, PG64-22, (449)
98	12	407	110	GAL	NON-TRACKING TACK COAT
8167	433	408	8600	GAL	PRIME COAT, MC-70, AS PER PLAN
15983	517	422	16500	GAL	EMULSION, CHIP SEAL, POLYMER MODIFIED, CRS-2P, AS PER PLAN
3090	310	422	3400	GAL	EMULSION, FOG SEAL, CQS-1F, AS PER PLAN
306.0	14.0	422	320.0	CY	AGGREGATE, CHIP SEAL, NO. 67 LIMESTONE, AS PER PLAN
295.0	25.0	422	320.0	CY	AGGREGATE, CHIP SEAL, NO. 8 LIMESTONE, AS PER PLAN
54.0	6.0	441	60.0	CY	ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (449), PG64-22
		614	1	LUMP	MAINTAINING TRAFFIC
24.0	26.0	617	50.0	CY	COMPACTED AGGREGATE (RAP)
		623	1	LUMP	CONSTRUCTION LAYOUT STAKES AND SURVEYING
		624	1	LUMP	MOBILIZATION
4.34	0	642	4.34	MILE	EDGE LINE, 4", TYPE 1
2.17	0	642	2.17	MILE	CENTER LINE, TYPE 1
100	0	644	100	FT	STOP LINE
19.0	6.0	653	25.0	CY	TOPSOIL FURNISHED AND PLACED
333.0	17.0	659	350.0	SY	SEEDING AND MULCHING, CLASS 1
0	20	SPEC	20	EACH	MAILBOX ASSEMBLY, REMOVED AND RESET
		SPEC	1	LUMP	CONTRACT PERFORMANCE BOND AND PREMIUM

GENERAL SUMMARY

DESIGNER	HAE
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16	23

ITEM 202 - WEARING COURSE REMOVED

BURROWS ROAD AT MADISON ROAD 10' x 72' AVG = 80 SY

USE = 100 SY

ITEM 203 - EXCAVATION AND EMBANKMENT

STA 88+50 - 157+90 SUBGRADE ELEVATION ADJUSTMENT VARIES

STA 157+90 - 181+90 NOT APPLICABLE

STA 181+90 - 202+90 SUBGRADE ELEVATION ADJUSTMENT NOMINAL (+/-1")

EXCAVATION, REFERENCE CUT/FILL TABLE, 496 CY
CONTINGENCY 104 CY

USE = 600 CY

EMBANKMENT, REFERENCE CUT/FILL TABLE, 552 CY
CONTINGENCY 48 CY

USE = 600 CY

ITEM 204 - EXCAVATION OF SUBGRADE, AS PER PLAN

CONTINGENCY 100 CY

USE = 100 CY

ITEM 206 - CEMENT STABILIZATION

AREA CALCULATION:

STA 88+50 - 157+90 = $6,940' \times 22' / 9 = 16,964.5$ SY

STA 181+90 - 202+90 = $2,100' \times 22' / 9 = 5,133.3$ SY

RADII 102.2 SY
22,200.0 SY

206 SUBGRADE PREPARATION, AS PER PLAN

USE = 22,500 SY

206 CEMENT STABILIZED SUBGRADE, AS PER PLAN

USE = 22,500 SY

206 CURING COAT

USE = 22,500 SY

206 PORTLAND CEMENT

$22,500 \text{ SY} \times 9 \times 120\# / \text{CF} \times 6\% / 2000\# / \text{TON} = 729 \text{ TON}$

EXTRA VOL. $375 \text{ CY} \times 27 \times 120\# / \text{CF} \times 6\% / 2000\# / \text{TON} = 36.5 \text{ TON}$ **USE = 775.0 TON**

206 CEMENT STABILIZED SUBGRADE, EXTRA VOLUME

$22,500 \text{ SY} \times 6" / 36 \times 10\% = 375 \text{ CY}$ **USE = 375.0 CY**

206 TEST ROLLING

PROOF ROLL 4 HOURS

TEST ROLL 4 HOURS

USE = 8.0 HOUR

CALCULATIONS

DESIGNER	HAE
REVIEWER	SCO 5/1/2026
PROJECT ID	RC-0060-CD-2026
SHEET	TOTAL
17	23

ITEM 253 - PAVEMENT REPAIR

APPROXIMATE QUANTITIES PROVIDED, ACTUAL LIMITS TO BE MARKED IN THE FIELD BY THE ENGINEER
PER REPAIR TABLE - 72.96 CY **USE = 100.0 CY**

ITEM 301 - ASPHALT CONCRETE BASE, (449), PG64-22

STA 88+40 - 91+40

$300' \times 21' \times 6/12 / 27 = 117 \text{ CY}$

$RADII - 75 \text{ SY} \times 6/12/3 = 13 \text{ CY}$

USE = 140 CY

ITEM 407 - NON-TRACKING TACK COAT

STA 88+40 - 91+40

$300' \times 21' \times 0.09 \text{ GAL/SY} / 9 = 63 \text{ GAL}$

$300' \times 21' \times 0.05 \text{ GAL/SY} / 9 = 35 \text{ GAL}$

USE = 110 GAL

ITEM 408 - PRIME COAT, MC-70

STA 91+40 - 157+90 AND 181+90 - 202+90

$8750' \times 21' \times 0.4 \text{ GAL/SY} / 9 = 8,167 \text{ GAL}$

USE = 8,600 GAL

ITEM 422 - EMULSION, CHIP SEAL, POLYMER MODIFIED, CRS-2P, AS PER PLAN

STA 91+40 - 157+90 AND 181+90 - 202+90

$8750' \times 21' \times 0.6 \text{ GAL/SY} / 9 = 12,250 \text{ GAL}$

STA 157+90 - 181+90

$2400' \times 20' \times 0.35 \text{ GAL/SY} / 9 \times 2 \text{ APPL.} = 3,733 \text{ GAL}$

USE = 16,500 GAL

ITEM 422 - EMULSION, FOG SEAL, CQS-1F, AS PER PLAN

STA 91+40 - 157+90 AND 181+90 - 202+90

$8750' \times 21' \times 0.12 \text{ GAL/SY} / 9 = 2450 \text{ GAL}$

STA 157+90 - 181+90

$2400' \times 20' \times 0.12 \text{ GAL/SY} / 9 = 640 \text{ GAL}$

USE = 3400 GAL

ITEM 422 - AGGREGATE, CHIP SEAL, NO. 67 LIMESTONE, AS PER PLAN

STA 91+40 - 157+90 AND 181+90 - 202+90

$8750' \times 21' \times 0.015 \text{ CY/SY} / 9 = 306 \text{ CY}$

USE = 320 CY

ITEM 422 - AGGREGATE, CHIP SEAL, NO. 8 LIMESTONE, AS PER PLAN

STA 91+40 - 157+90 AND 181+90 - 202+90

$8750' \times 21' \times 0.0095 \text{ CY/SY} / 9 = 194 \text{ CY}$

STA 157+90 - 181+90

$2400' \times 20' \times 0.0095 \text{ CY/SY} / 9 \times 2 \text{ APPL.} = 101 \text{ CY}$

USE = 320 CY

ITEM 441 - ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (449), PG64-22

STA 88+40 - 91+40

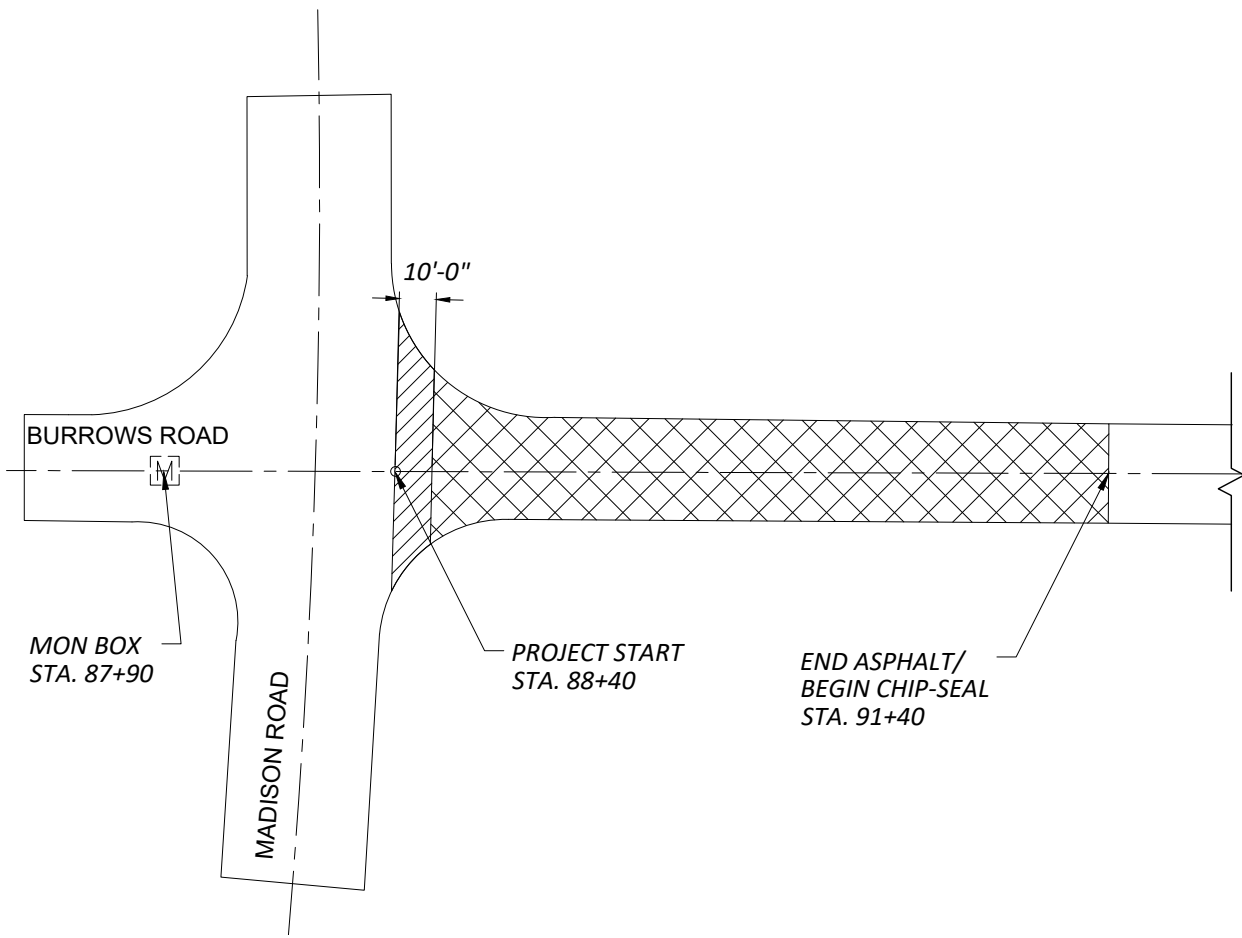
$300' \times 21' \times 1.25/12 / 27 \times 2 \text{ LIFTS} = 49 \text{ CY}$

$RADII - 75 \text{ SY} \times 1.25/12/3 \times 2 \text{ LIFTS} = 5 \text{ CY}$



USE = 60.0 CY

CALCULATIONS

DESIGNER	HAE
REVIEWER	SCO 5/1/2026
PROJECT ID	RC-0060-CD-2026
SHEET	TOTAL
18	23



LEGEND

-  MILL, 441-1 SURFACE
-  RECONSTRUCT, 301 AND 441-1



INTERSECTION DETAILS - BURROWSROAD

DESIGNER	
HAE	
REVIEWER	
SCO	5/1/2026
PROJECT ID	
RC-0060-CD-2026	
SHEET	TOTAL
20	23

EXISTING SURVEY CENTERLINE

TYPE	NUMBER	START STA	END STA	LENGTH	BEARING	START POINT	END POINT
MB	EL1	87+90	88+40	50.22	N86° 46' 45"E	206456.83, 343352.57	206507.04, 343353.64
IPF	EL2	88+40	165+18	7678.22	N89° 29' 15"E	206507.04, 343353.64	214184.94, 343422.35
IPF	EL3	165+18	202+91	3773.12	N89° 35' 08"E	214184.94, 343422.35	217957.96, 343449.64

PROPOSED CONSTRUCTION CENTERLINE

TYPE	NUMBER	START STA	END STA	LENGTH	BEARING	START POINT	END POINT
IPF	L1	88+40	115+00.00'	2660.00'	N89° 29' 15"E	206507.04, 343351.64	209166.93, 343375.44
	L2	115+00	125+00.01'	1000.00'	N89° 22' 20"E	209166.93, 343375.44	210166.87, 343386.39
	L3	125+00	165+18.23'	4018.221'	N89° 29' 15"E	210166.87, 343386.39	214184.94, 343422.35
IPF	L4	165+18	202+91.34'	3773.118'	N89° 35' 08"E	214184.94, 343422.35	217957.96, 343449.64

SURVEY ALIGNMENT

RC-0060-CD-2026

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DESIGNER	HAE
REVIEWER	SCO 5/1/2026
PROJECT ID	RC-0060-CD-2026
SHEET	TOTAL
21	23

PROPOSED PROFILE DATA

NO.	PVI STA	PVI ELEV	GRADE IN	GRADE OUT	% CHANGE	CURVE TYPE	LENGTH	K VALUE
1	89+40	1162.77		-4.05%				
2	89+75	1161.35	-4.05%	-6.60%	2.55%	Crest	50	19.6
3	90+00	1153.10	-6.60%	-0.80%	5.80%	Sag	180	31.0
4	92+00	1151.50	-0.80%	-0.40%	0.40%			
5	104+50	1146.50	-0.40%	0.50%	0.90%			
6	109+00	1148.75	0.50%	-1.50%	2.00%	Crest	100	50.0
7	113+00	1142.75	-1.50%	-0.50%	1.00%			
8	116+50	1141.00	-0.50%	-1.20%	0.70%			
9	119+00	1137.90	-1.20%	0.30%	1.50%	Sag	300	200.0
10	125+00	1139.70	0.30%	-0.60%	0.90%	Crest	300	333.3
11	127+50	1138.20	-0.60%	-1.20%	0.60%			
12	131+00	1134.00	-1.20%	-1.80%	0.60%			
13	132+50	1131.30	-1.80%	-5.40%	3.60%	Crest	120	33.3
14	134+50	1120.50	-5.40%	-3.00%	2.40%	Sag	80	33.3
15	135+50	1117.50	-3.00%	-0.60%	2.40%	Sag	80	33.3
16	137+00	1116.60	-0.60%	-0.60%	0.00%			
17	139+70	1114.98	-0.60%	3.55%	4.15%	Sag	140	33.7
18	141+00	1119.60	3.55%	1.80%	1.75%	Crest	100	57.0
19	145+00	1126.80	1.80%	1.08%	0.72%	Crest	200	277.8
20	153+25	1135.71	1.08%	-0.92%	2.00%	Crest	200	100.0
21	155+00	1134.10	-0.92%	-1.80%	0.88%			
22	156+50	1131.40	-1.80%	-4.00%	2.20%	Crest	100	45.5
23	157+35	1128.00	-4.00%	-5.80%	1.80%	Crest	70	38.9
24	157+90	1124.81	-5.80%	-5.30%	0.50%			
25	159+00.00'	1118.98'	-5.30%	-				
26	181+90.00'	1126.18'	-	-3.20%				
26	182+00.00'	1125.72		-3.20%				
27	184+00.00'	1119.32	-3.20%	-3.00%	0.20%			
28	187+50.00'	1108.82	-3.00%	-2.00%	1.00%			
29	190+00.00'	1103.82	-2.00%	-1.44%	0.56%			
30	202+00.00'	1086.54	-1.44%	-1.20%	0.24%			
31	202+90.00'	1085.44	-1.20%	-	0.00%			

PROFILE DATA

DESIGNER	HAE
REVIEWER	SCO 5/1/2026
PROJECT ID	RC-0060-CD-2026
SHEET	TOTAL
22	23

PROPOSED CUT/FILL DATA

NO.	START STA	END STA	AREA	WIDTH	CUT VOL	FILL VOL	NOTES
1	88+50	88+85	20.2	22	16.5		
2	88+85	90+15	64.2	22		52.3	
3	90+15	91+50	8.5	22	6.9		
4	91+50	93+50	65	22		53.0	
5	93+50	95+50	35.2	22		28.7	
6	95+50	99+00	100	22	81.5		
7	99+00	102+00	50.5	22		41.1	
8	102+00	103+75	45.8	22		37.3	
9	103+75	105+00	17.8	22	14.5		
10	105+00	107+50	77	22		62.7	
11	107+50	110+00	51	22	41.6		
12	110+00	113+50	110.8	22	90.3		
13	113+50	115+00	0	22	0.0		Incedental Grading
14	115+00	121+50	64	22	52.1		
15	121+50	125+00	0	22	0.0		Incedental Grading
17	125+00	130+00	112	22	91.3		
20	130+00	130+75	21	22		17.1	
21	130+75	131+50	10	22	8.1		
22	131+50	132+50	40.8	22		33.2	
23	132+50	134+50	82.8	22	67.5		
24	134+50	135+75	16	22	13.0		
26	135+75	137+00	52.8	22		43.0	
27	137+00	140+50	190.4	22		155.1	
28	140+50	141+50	15	22	12.2		
28	141+50	155+00	0	22	0.0		Incedental Grading
29	155+00	156+25	35	22		28.5	
30	156+25	157+90	0	22	0.0		Incedental Grading
TOTAL					495.49	552.20	
USE					600.0	600.0	

EARTHWORKS

RC-0060-CD-2026
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DESIGNER	HAE
REVIEWER	SCO 5/1/2026
PROJECT ID	RC-0060-CD-2026
SHEET	TOTAL
23	23

**STATE
WAGE
RATES**

(2026)
Updated 04/21/2026

Prevailing Wage Determination Cover Letter

County:

Determination Date: 04-21-2026

Expiration Date: 07-19-2026

THE FOLLOWING PAGES ARE PREVAILING RATES OF WAGES ON PUBLIC IMPROVEMENTS FAIRLY ESTIMATED TO BE MORE THAN THE AMOUNT IN O.R.C. SEC. 4115.03 (b) (1) or (2), AS APPLICABLE.

Section 4115.05 provides, in part: "Where contracts are not awarded or construction undertaken within ninety days from the date of the establishment of the prevailing wages, there shall be a redetermination of the prevailing rate of wages before the contract is awarded." The expiration date of this wage schedule is listed above for your convenience only. This wage determination is not intended as a blanket determination to be used for all projects during this period without prior approval of this Department.

Section 4115.04, Ohio Revised Code provides, in part: "Such schedule of wages shall be attached to and made a part of the specifications for the work, and shall be printed on the bidding blanks where the work is done by contract..."

The contract between the letting authority and the successful bidder shall contain a statement requiring that mechanics and laborers be paid a prevailing rate of wage as required in Section 4115.06, Ohio Revised Code. The contractor or subcontractor is required to file with the contracting public authority upon completion of the project and prior to final payment therefore an affidavit stating that he has fully complied with Chapter 4115 of the Ohio Revised Code.

The wage rates contained in this schedule are the "Prevailing Wages" as defined by Section 4115.03, Ohio Revised Code (the basic hourly rates plus certain fringe benefits). These rates and fringes shall be a minimum to be paid under a contract regulated by Chapter 4115 of the Ohio Revised Code by contractors and subcontractors. The prevailing wage rates contained in this schedule include the effective dates and wage rates currently on file. In cases where future effective dates are not included in this schedule, modifications to the wage schedule will be furnished to the Prevailing Wage Coordinator appointed by the public authority as soon as prevailing wage rates increases are received by this office.

"There shall be posted in a prominent and accessible place on the site of work a legible statement of the Schedule of Wage Rates specified in the contract to the various classifications of laborers, workmen, and mechanics employed, said statement to remain posted during the life of such contract." Section 4115.07, Ohio Revised Code.

Apprentices will be permitted to work only under a bona fide apprenticeship program if such program exists and if such program is registered with the Ohio Apprenticeship Council.

Section 4115.071 provides that no later than ten days before the first payment of wages is due to any employee of any contractor or subcontractor working on a contract regulated by Chapter 4115, Ohio Revised Code, the contracting public authority shall appoint one of his own employees to act as the prevailing wage coordinator for said contract. The duties of the prevailing wage coordinator are outlined in Section 4115.071 of the Ohio Revised Code.

Section 4115.05 provides for an escalator in the prevailing wage rate. Each time a new rate is established, that rate is required to be paid on all ongoing public improvement projects.

A further requirement of Section 4115.05 of the Ohio Revised Code is: "On the occasion of the first pay date under a contract, the contractor shall furnish each employee not covered by a collective bargaining agreement or understanding between employers and bona fide organizations of Labor with individual written notification of the job classification to which the employee is assigned, the prevailing wage determined to be applicable to that classification, separated into the hourly rate of pay and the fringe payments, and the identity of the prevailing wage Coordinator appointed by the public authority. The contractor or subcontractor shall furnish the same notification to each affected employee every time the job classification of the employee is changed."

Work performed in connection with the installation of modular furniture may be subject to prevailing wage.

THIS PACKET IS NOT TO BE SEPARATED BUT IS TO REMAIN COMPLETE AS IT IS SUBMITTED TO YOU. (Reference guidelines and forms are included in this packet to be helpful in the compliance of the Prevailing Wage law.)

Prevailing Wage Rate Skilled Crafts

Name of Union: Bricklayer Local 23 Heavy Hwy (A)

Type of Rate: Commercial

Change #:
LCN01-2026ib

Craft:
Bricklayer

Effective Date:
3/25/2026

Effective Date:
3/25/2026

	BHR		Fringe Benefit Payments						Irrevocable Fund		Total PWR	Overtime Rate
			H&W	Pension	App Tr.	Vac.	Annuity	Other	LECET (*)	MISC (*)		
Classification												
Cement Mason Bricklayer Sewer Water Works A	\$34.56		\$10.20	\$9.68	\$0.56	\$0.00	\$1.30	\$0.00	\$0.00	\$0.00	\$56.30	\$73.58
Apprentice	BHR	Percent										
1st year	\$24.19	\$70.00	\$10.20	\$9.68	\$0.56	\$0.00	\$1.30	\$0.00	\$0.00	\$0.00	\$45.93	\$58.03
2nd year	\$27.65	\$80.00	\$10.20	\$9.68	\$0.56	\$0.00	\$1.30	\$0.00	\$0.00	\$0.00	\$49.39	\$63.21
3rd year	\$31.10	\$90.00	\$10.20	\$9.68	\$0.56	\$0.00	\$1.30	\$0.00	\$0.00	\$0.00	\$52.84	\$68.39

(*)Special Calculation Note :

This rate is not for building construction.

This rate applies only to the Cement Masons. All other Bricklaying, PCC, Stone, Tile, Marble, Refractory, Industrial and all other applicable work performed will be performed under the applicable rates for those contracts.

Ratio :

- 3 Journeymen to 1 Apprentice
- 6 Journeymen to 2 Apprentice
- 9 Journeymen to 3 Apprentice
- 12 Journeymen to 4 Apprentice
- 15 Journeymen to 5 Apprentice

Jurisdiction (* denotes special jurisdictional note) :

Adams, Allen, Ashland, Ashtabula, Athens, Auglaize, Belmont, Brown, Butler, Carroll, Champaign, Clark, Clermont, Clinton, Columbiana, Coshocton, Crawford, Cuyahoga, Darke, Defiance, Delaware, Erie, Fairfield, Fayette, Franklin, Fulton, Gallia, Geauga, Greene, Guernsey, Hamilton, Hancock, Hardin, Harrison, Henry, Highland, Hocking, Holmes, Huron, Jackson, Jefferson, Knox, Lake, Lawrence, Licking, Logan, Lorain, Lucas, Madison, Mahoning, Marion, Medina, Meigs, Mercer, Miami, Monroe, Montgomery, Morgan, Morrow, Muskingum, Noble, Ottawa, Paulding, Perry, Pickaway, Pike, Portage, Preble, Putnam, Richland, Ross, Sandusky, Scioto, Seneca, Shelby, Stark, Summit, Trumbull, Tuscarawas, Union, Van Wert, Vinton, Warren, Washington, Wayne

Special Jurisdictional Note :

Details :

Bricklayer Local 23 Heavy Hwy (A): Highway Construction, Sewer, Waterworks And Utility Construction, Industrial & Building Site Heavy Construction, Airport Construction Or Railroad Construction Work.

Bricklayer Local 23 Heavy Hwy (B): Power Plant, Tunnels, Amusement Park, Athletic Stadium Site Work ,Pollution Control, Sewer Plant, Waste Plant, & Water Treatment Facilities, Construction.

Prevailing Wage Rate Skilled Crafts

Name of Union: Carpenter Hev Hwy Zone NHH C1-B

Type of Rate: Commercial

Change #:
LCN01-2025ib

Craft:
Carpenter

Effective Date:
6/18/2025

Effective Date:
6/18/2025

	BHR		Fringe Benefit Payments					Irrevocable Fund		Total PWR	Overtime Rate	
			H&W	Pension	App Tr.	Vac.	Annuity	Other	LECET (*)			MISC (*)
Classification												
Carpenter	\$38.57		\$8.90	\$10.98	\$0.72	\$0.00	\$3.92	\$0.14	\$0.00	\$0.00	\$63.23	\$82.52
Apprentice	BHR	Percent										
1st 3 Months	\$23.14	\$60.00	\$8.90	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$32.04	\$43.61
2nd 3 Months	\$23.14	\$60.00	\$8.90	\$0.00	\$0.72	\$0.00	\$3.92	\$0.14	\$0.00	\$0.00	\$36.82	\$48.39
2nd 6 Months	\$25.07	\$65.00	\$8.90	\$0.00	\$0.72	\$0.00	\$3.92	\$0.14	\$0.00	\$0.00	\$38.75	\$51.29
3rd 6 Months	\$27.00	\$70.00	\$8.90	\$0.00	\$0.72	\$0.00	\$3.92	\$0.14	\$0.00	\$0.00	\$40.68	\$54.18
4th 6 Months	\$28.93	\$75.00	\$8.90	\$0.00	\$0.72	\$0.00	\$3.92	\$0.14	\$0.00	\$0.00	\$42.61	\$57.07
5th 6 Months	\$30.86	\$80.00	\$8.90	\$8.78	\$0.72	\$0.00	\$3.92	\$0.14	\$0.00	\$0.00	\$53.32	\$68.74
6th 6 Months	\$32.78	\$85.00	\$8.90	\$9.33	\$0.72	\$0.00	\$3.92	\$0.14	\$0.00	\$0.00	\$55.79	\$72.19
7th 6 Months	\$34.71	\$90.00	\$8.90	\$9.88	\$0.72	\$0.00	\$3.92	\$0.14	\$0.00	\$0.00	\$58.27	\$75.63
8th 6 Months	\$36.64	\$95.00	\$8.90	\$10.43	\$0.72	\$0.00	\$3.92	\$0.14	\$0.00	\$0.00	\$60.75	\$79.07

(*)Special Calculation Note :

Other: Training

Ratio :

1 Journeymen to 1 Apprentice

Jurisdiction (* denotes special jurisdictional note) :

Ashtabula, Cuyahoga, Geauga, Lake

Special Jurisdictional Note :

Details :

Any construction work as performed within the definitions listed here below, all of which, taken together are "Heavy-Highway Construction" work: "HIGHWAY CONSTRUCTION" work is defined as work performed to provide a facility to accommodate vehicular or pedestrian traffic and includes, but is not limited to, the construction of all streets, roads, expressways, turnpikes, bridges, drainage structures, grade separations, parking lots, rest areas, alleys, sidewalks, guardrails, fences, and sound barriers, but shall not include construction of buildings. "AIRPORT CONSTRUCTION" work is defined as including site preparation, grading, paving, drainage, fences, sidewalks, driveways, parking areas and similar work incidental to the construction of airfields but shall not include the construction of buildings. "HEAVY CONSTRUCTION" work is defined as including, but not limited to grade separations, foundations (does not include building foundations), abutments, retaining walls, shafts, tunnels, subways, elevators, drainage projects, flood control projects, reclamation projects, reservoirs, water supply projects, water development projects, hydro-electric development, utility transmission lines, including right-of-way clearing, locks, dams, dikes, levees, revetments, channels, channel cutoffs, intakes, dredging projects, jetties, breakwater, docks, harbors; and all municipal and utility construction except construction classified as building construction. "RAILROAD CONSTRUCTION" work is defined as including, grading, drainage, placing of rails, crossties, ballast and the construction of bridges, and other incidentals for railroads, street railways construction projects and rapid transit system projects, but shall not include the construction of buildings. "SEWER WATERWORKS AND UTILITY CONSTRUCTION" work is defined as including construction of all storm sewers, sanitary sewers, supplying and distributing waterlines, gas lines, telephone and television conduit, underground electrical lines, and similar utility construction. Main waterline and trunk sewers connecting water works and/or sewage disposal plants are included within this definition. "SUPPORTIVE EXCAVATION AND DEEP FOUNDATIONS" work is all driven and drilled foundations within the building site. "POWER PLANT SITE" work is defined as all work which is inside the property line, but outside the actual building construction. Such work shall include, but is not limited to, the grading and installation of sewer lines, drainage lines, gas lines, telephone and television conduit, underground electrical lines and similar utility construction, parking lots, bridges, roads, streets, sidewalks, reservoirs, ash pits, storage tanks, ramps and other such construction work performed on the work site, but shall not include the actual excavation for the buildings, foundations or footers or construction of the buildings. "POLLUTION CONTROL, SEWAGE PLANT, WASTE PLANT AND WATER TREATMENT FACILITIES CONSTRUCTION" WORK shall be all work in construction of pumping stations, waste and sewage disposal plants, incinerator plants, water treatment plants, filtration plants, solid waste disposal and similar pollution control facilities. "SOLAR & WIND FARM" WORK is considered "HEAVY CONSTRUCTION" and includes all work in the construction of solar fields/farms and wind fields/farms (not installations on buildings).

Prevailing Wage Rate Skilled Crafts

Name of Union: Carpenter Pile Driver Hev Hwy Zone NHH P2-B

Type of Rate: Commercial

Change #:
LCN01-2025ib

Craft:
Carpenter

Effective Date:
6/18/2025

Effective Date:
6/18/2025

	BHR		Fringe Benefit Payments					Irrevocable Fund		Total PWR	Overtime Rate	
			H&W	Pension	App Tr.	Vac.	Annuity	Other	LECET (*)			MISC (*)
Classification												
Carpenter Pile Driver	\$36.34		\$8.85	\$11.33	\$0.72	\$0.00	\$6.48	\$0.19	\$0.00	\$0.00	\$63.91	\$82.08
Diver	\$54.51		\$8.85	\$11.33	\$0.72	\$0.00	\$6.48	\$0.19	\$0.00	\$0.00	\$82.08	\$109.34
Certified Welder	\$37.39		\$8.85	\$11.33	\$0.72	\$0.00	\$6.48	\$0.19	\$0.00	\$0.00	\$64.96	\$83.66
Apprentice	BHR	Percent										
1st 6 months	\$21.80	\$60.00	\$8.85	\$11.33	\$0.72	\$0.00	\$6.48	\$0.19	\$0.00	\$0.00	\$49.37	\$60.28
2nd 6 months	\$23.62	\$65.00	\$8.85	\$11.33	\$0.72	\$0.00	\$6.48	\$0.19	\$0.00	\$0.00	\$51.19	\$63.00
3rd 6 months	\$25.44	\$70.00	\$8.85	\$11.33	\$0.72	\$0.00	\$6.48	\$0.19	\$0.00	\$0.00	\$53.01	\$65.73
4th 6 months	\$27.26	\$75.00	\$8.85	\$11.33	\$0.72	\$0.00	\$6.48	\$0.19	\$0.00	\$0.00	\$54.83	\$68.45
5th 6 months	\$29.07	\$80.00	\$8.85	\$11.33	\$0.72	\$0.00	\$6.48	\$0.19	\$0.00	\$0.00	\$56.64	\$71.18
6th 6 months	\$30.89	\$85.00	\$8.85	\$11.33	\$0.72	\$0.00	\$6.48	\$0.19	\$0.00	\$0.00	\$58.46	\$73.90
7th 6 months	\$32.71	\$90.00	\$8.85	\$11.33	\$0.72	\$0.00	\$6.48	\$0.19	\$0.00	\$0.00	\$60.28	\$76.63
8th 6 months	\$34.52	\$95.00	\$8.85	\$11.33	\$0.72	\$0.00	\$6.48	\$0.19	\$0.00	\$0.00	\$62.09	\$79.35

(*)Special Calculation Note :

*Other is Training

Ratio :

1 Journeymen to 1 Apprentice

Jurisdiction (* denotes special jurisdictional note) :

Ashland, Ashtabula, Cuyahoga, Erie, Geauga, Huron, Lake, Lorain, Medina, Portage, Richland, Summit

Special Jurisdictional Note :

Details :

Pile Drivers duties shall include but not limited to: Pile driving, milling, fashioning, joining assembling, erecting, fastening, or dismantling of all material of wood, plastic, metal, fiber, cork and composition and all other substitute materials: pile driving, cutting, fitting and placing of lagging, and the handling, cleaning, erecting, installing and dismantling of machinery, equipment and erecting pre-engineered metal buildings. Pile Drivers work but not limited to: unloading, assembling, erection, repairs, operation, signaling, dismantling and reloading all equipment that is used for pile driving including pile butts is defined as sheeting or scrap piling. Underwater work that may be required in connection with the installation of piling. The driver and his tender work as a team and shall arrive at their own financial arrangements with the contractor. Any configuration of wood, steel, concrete or composite that is jetted, driven or vibrated onto the ground by conventional pile driving equipment for the purpose of supporting a future load that may be permanent or temporary. The construction of all wharves and docks, including the fabrication and installation of floating docks. Driving bracing, plumbing, cutting off and capping of all piling whether wood, metal, pipe piling or composite, loading, unloading, erecting, framing, dismantling, moving and handling of pile driving equipment piling used in the construction and repair of all wharves, docks, piers, trestles, caissons, cofferdams and erection of all sea walls and breakwaters. All underwater and marine work on bulkheads, wharves, docks, shipyards, caissons, piers, bridges, pipeline, work, viaducts, marine cable and trestles, as well as salvage and reclamation work where divers are employed. Rate shall include carpenters, acoustic and ceiling installers, drywall installers, pile drivers and floorlayers.

Prevailing Wage Rate Skilled Crafts

Name of Union: Cement Mason Local 404 Hev Hwy

Type of Rate: Commercial

Change #:
LCN01-2025ib

Craft:
Cement Mason

Effective Date:
5/1/2025

Effective Date:
5/1/2025

	BHR		Fringe Benefit Payments						Irrevocable Fund		Total PWR	Overtime Rate
			H&W	Pension	App Tr.	Vac.	Annuity	Other	LECET (*)	MISC (*)		
Classification												
Cement Mason	\$36.29		\$9.20	\$7.85	\$0.75	\$0.00	\$3.00	\$0.07	\$0.00	\$0.00	\$57.16	\$75.31
Apprentice	BHR	Percent										
1st Year	\$25.40	\$70.00	\$9.20	\$7.85	\$0.75	\$0.00	\$3.00	\$0.07	\$0.00	\$0.00	\$46.27	\$58.97
2nd Year	\$29.03	\$80.00	\$9.20	\$7.85	\$0.75	\$0.00	\$3.00	\$0.07	\$0.00	\$0.00	\$49.90	\$64.42
3rd Year	\$32.66	\$90.00	\$9.20	\$7.85	\$0.75	\$0.00	\$3.00	\$0.07	\$0.00	\$0.00	\$53.53	\$69.86
4th Year	\$34.48	\$95.00	\$9.20	\$7.85	\$0.75	\$0.00	\$3.00	\$0.07	\$0.00	\$0.00	\$55.35	\$72.58

(*)Special Calculation Note :

Other: International Training Fund

Ratio :

1 Journeyman to 1 Apprentice 2 Journeymen to 1 Apprentice thereafter

Jurisdiction (* denotes special jurisdictional note) :

Ashtabula, Cuyahoga, Geauga, Lake, Lorain

Special Jurisdictional Note :

Details :

Highway Construction, Sewer, Waterworks And Utility Construction, Industrial & Building Site, Heavy Construction, Airport Construction Or Railroad Construction Work, Power Plant, Tunnels, Amusement Park, Athletic Stadium Site Work, Pollution Control, Sewer Plant, Waste & Water Plant, Water Treatment Facilities Construction.

Prevailing Wage Rate Skilled Crafts

Name of Union: Electrical Local 71 Outside Utility Power

Type of Rate: Commercial

Change #:
LCN01-2026ib

Craft:
Electrical

Effective Date:
1/7/2026

Effective Date:
1/7/2026

	BHR		Fringe Benefit Payments					Irrevocable Fund		Total PWR	Overtime Rate	
			H&W	Pension	App Tr.	Vac.	Annuity	Other	LECET (*)			MISC (*)
Classification												
Electrical Lineman	\$52.03		\$7.50	\$1.56	\$0.52	\$0.00	\$12.49	\$1.00	\$0.00	\$0.00	\$75.10	\$101.12
Substation Technician	\$52.03		\$7.50	\$1.56	\$0.50	\$0.00	\$12.49	\$1.00	\$0.00	\$0.00	\$75.08	\$101.09
Cable Splicer	\$54.50		\$7.50	\$1.64	\$0.55	\$0.00	\$13.08	\$1.00	\$0.00	\$0.00	\$78.27	\$105.52
Operator A	\$46.61		\$7.50	\$1.40	\$0.47	\$0.00	\$11.19	\$1.00	\$0.00	\$0.00	\$68.17	\$91.47
Operator B	\$41.17		\$7.50	\$1.23	\$0.41	\$0.00	\$9.87	\$1.00	\$0.00	\$0.00	\$61.18	\$81.77
Operator C	\$33.00		\$7.50	\$0.99	\$0.33	\$0.00	\$7.92	\$1.00	\$0.00	\$0.00	\$50.74	\$67.24
Groundman 0-12 months Exp	\$26.02		\$7.50	\$0.78	\$0.26	\$0.00	\$6.24	\$1.00	\$0.00	\$0.00	\$41.80	\$54.81
Groundman 0-12 months Exp w/CDL	\$28.62		\$7.50	\$0.86	\$0.29	\$0.00	\$6.87	\$1.00	\$0.00	\$0.00	\$45.14	\$59.45
Groundman 1 yr or more	\$28.62		\$7.50	\$0.86	\$0.29	\$0.00	\$6.87	\$1.00	\$0.00	\$0.00	\$45.14	\$59.45
Groundman 1 yr or more w/CDL	\$33.82		\$7.50	\$1.01	\$0.34	\$0.00	\$8.12	\$1.00	\$0.00	\$0.00	\$51.79	\$68.70
Equipment Mechanic A	\$41.17		\$7.50	\$1.23	\$0.41	\$0.00	\$9.87	\$1.00	\$0.00	\$0.00	\$61.18	\$81.77
Equipment Mechanic B	\$37.09		\$7.50	\$1.11	\$0.37	\$0.00	\$8.90	\$1.00	\$0.00	\$0.00	\$55.97	\$74.52
Equipment Mechanic C	\$33.00		\$7.50	\$0.99	\$0.33	\$0.00	\$7.92	\$1.00	\$0.00	\$0.00	\$50.74	\$67.24
Line Truck w/auger	\$36.40		\$7.50	\$1.09	\$0.36	\$0.00	\$8.71	\$1.00	\$0.00	\$0.00	\$55.06	\$73.26
Apprentice	BHR	Percent										
1st 1000 hrs	\$31.22	\$60.00	\$7.50	\$0.94	\$0.31	\$0.00	\$7.49	\$1.00	\$0.00	\$0.00	\$48.46	\$64.07
2nd 1000 hrs	\$33.82	\$65.00	\$7.50	\$1.01	\$0.34	\$0.00	\$8.12	\$1.00	\$0.00	\$0.00	\$51.79	\$68.70
3rd 1000 hrs	\$36.42	\$70.00	\$7.50	\$1.09	\$0.36	\$0.00	\$8.74	\$1.00	\$0.00	\$0.00	\$55.11	\$73.32

4th 1000 hrs	\$39.02	\$75.00	\$7.50	\$1.17	\$0.39	\$0.00	\$9.37	\$1.00	\$0.00	\$0.00	\$58.45	\$77.96
5th 1000 hrs	\$41.62	\$80.00	\$7.50	\$1.25	\$0.44	\$0.00	\$9.99	\$1.00	\$0.00	\$0.00	\$61.80	\$82.61
6th 1000 hrs	\$44.23	\$85.00	\$7.50	\$1.33	\$0.44	\$0.00	\$10.61	\$1.00	\$0.00	\$0.00	\$65.11	\$87.22
7th 1000 hrs	\$46.83	\$90.00	\$7.50	\$1.40	\$0.47	\$0.00	\$11.24	\$1.00	\$0.00	\$0.00	\$68.44	\$91.86

(*)Special Calculation Note :

Other: Health Reimbursement Account

Ratio :

(1) Journeyman Lineman to (1) Apprentice

Jurisdiction (* denotes special jurisdictional note) :

Adams, Ashland, Ashtabula, Athens, Auglaize, Belmont, Brown, Butler, Carroll, Champaign, Clark, Clermont, Clinton, Columbiana, Coshocton, Crawford, Cuyahoga, Darke, Delaware, Fairfield, Fayette, Franklin, Gallia, Geauga, Greene, Guernsey, Hamilton, Harrison, Highland, Hocking, Holmes, Jackson, Jefferson, Knox, Lake, Lawrence, Licking, Logan, Lorain, Madison, Mahoning, Marion, Medina, Meigs, Mercer, Miami, Monroe, Montgomery, Morgan, Morrow, Muskingum, Noble, Perry, Pickaway, Pike, Portage, Preble, Richland, Ross, Scioto, Shelby, Stark, Summit, Trumbull, Tuscarawas, Union, Vinton, Warren, Washington, Wayne

Special Jurisdictional Note :

Details :

Operator "A": John Henry Rock Drill, D-6 (or equivalent) and above, Trackhoe Digger, (320 Track excavator), Cranes (greater than 25 tons and less than 45 tons).
 Operator "B": Cranes (greater than 6 tons and up to 25 tons), Backhoes, Road Tractor, Dozer up to D-5, Pressure Digger- wheeled or tracked, all Tension wire Stringing equipment.
 Operator "C": Trench, Backhoe, Riding type vibratory Compactor, Ground Rod Driver, Boom Truck (6 ton & below), Skid Steer Loaders, Material Handler.

Prevailing Wage Rate Skilled Crafts

Name of Union: Ironworker Local 17

Type of Rate: Commercial

Change #:
LCN01-2020fb

Craft:
Ironworker

Effective Date:
12/24/2020

Effective Date:
12/24/2020

	BHR		Fringe Benefit Payments					Irrevocable Fund		Total PWR	Overtime Rate	
			H&W	Pension	App Tr.	Vac.	Annuity	Other	LECET (*)			MISC (*)
Classification												
Ironworker	\$33.83		\$7.94	\$10.00	\$0.67	\$2.10	\$4.50	\$0.00	\$0.00	\$0.00	\$59.04	\$75.96
Apprentice	BHR	Percent										
1st 6 Months	\$16.92	\$50.00	\$7.94	\$10.00	\$0.67	\$2.10	\$4.50	\$0.00	\$0.00	\$0.00	\$42.13	\$50.58
2nd 6 Months	\$18.61	\$55.00	\$7.94	\$10.00	\$0.67	\$2.10	\$4.50	\$0.00	\$0.00	\$0.00	\$43.82	\$53.12
2nd Year 1st 6 Months	\$23.68	\$70.00	\$7.94	\$10.00	\$0.67	\$2.10	\$4.50	\$0.00	\$0.00	\$0.00	\$48.89	\$60.73
2nd Year 2nd 6 Months	\$25.37	\$75.00	\$7.94	\$10.00	\$0.67	\$2.10	\$4.50	\$0.00	\$0.00	\$0.00	\$50.58	\$63.27
3rd Year 1st 6 Months	\$27.06	\$80.00	\$7.94	\$10.00	\$0.67	\$2.10	\$4.50	\$0.00	\$0.00	\$0.00	\$52.27	\$65.81
3rd Year 2nd 6 Months	\$28.76	\$85.00	\$7.94	\$10.00	\$0.67	\$2.10	\$4.50	\$0.00	\$0.00	\$0.00	\$53.97	\$68.34
4th Year 1st 6 Months	\$30.45	\$90.00	\$7.94	\$10.00	\$0.67	\$2.10	\$4.50	\$0.00	\$0.00	\$0.00	\$55.66	\$70.88
4th Year 2nd 6 Months	\$32.14	\$95.00	\$7.94	\$10.00	\$0.67	\$2.10	\$4.50	\$0.00	\$0.00	\$0.00	\$57.35	\$73.42

(*)Special Calculation Note :

No special calculations for this skilled craft wage rate are required at this time.

Ratio :

4 Journeymen to 1 Apprentice on Structural Work 3 Journeymen to 1 Apprentice on Rod Work 2 Journeymen to 1 Apprentice on Finishing, Steel Sash, Stairway and Ornamental Work 1 Apprentice for every Sheeting Gang 1 Journeymen to 2 Apprentice Roadway Signage and Sound Barriers 2 Journeymen to 2 Apprentice Unloading and Erection of Light Gauge Metal Trusses

Jurisdiction (* denotes special jurisdictional note) :

Ashtabula, Cuyahoga, Erie, Geauga, Huron, Lake, Lorain, Medina, Portage, Summit

Special Jurisdictional Note :

West Boundary Line :Sandusky, Ohio: Boundary lines between Local 17 & Local 55 are as follows: Columbus Ave north to Sandusky Bay (and/or Lake Erie): Columbus Ave South to present Route 4: Route 4 South to present Route 99: from Route 99 south to old Route 224-all territory to the west of the boundary line to be the jurisdiction of Local 55.All territory to the East of the boundary line to be the jurisdiction of Local 17.Kelly's Island to be within jurisdiction of Local 17.All bridges,tunnels,viaducts,etc, relative to these boundary lines shall be the jurisdiction of Local 17 South Boundary Line:Canton, Ohio: Boundary lines between Local 17 & Local 550 are as follows: All territory north of old Route 224 line to be the jurisdiction of Local 17. All bridges,tunnels,viaducts,signs,etc, relative to old Route 224 line to be within the jurisdiction of Local 17. All territory south of old Route 224 line is to be within the jurisdiction of Local 550, except for everything within the city limits of Barberton which shall be the jurisdiction of Local 17. Reading from West to East: Route old 224 line: Greenwich Ave-Wooster Road or East Ave. Route old 224 line: New 224 line including Cloverleaf: East Waterloo Road: New 224 line-Attwood Road-Old 224. This will be considered to be the old Route 224 line,except for the city limits of Barberton, Ohio which shall be the jurisdiction of Local 17 Southeast Boundary : Between local 17 and Local 207 are as follows: West of a line from Middlefield to Shalersville to Deerfield, shall be under the jurisdiction of local 17. East of a line from Middlefield, to Shalersville to Deerfield, shall be under the jurisdiction of Local 207. Local 17 & Local 207 have agreed that the Ohio County of Ashtabula shall be as follows: Everything North of Route 6, starting at the Geauga County line, proceeding east to State Route 45, shall be under the jurisdiction of Local 17. Everything South, starting at the Geauga County line shall be under local 207. North Boundary: The East boundary line and the West boundary line continuing North halfway across Lake Erie.

Details :

Prevailing Wage Rate Skilled Crafts

Name of Union: Labor HevHwy 1B

Type of Rate: Commercial

Change #:
LCN02-2025ib

Craft:
Laborer

Effective Date:
6/11/2025

Effective Date:
6/11/2025

	BHR		Fringe Benefit Payments					Irrevocable Fund		Total PWR	Overtime Rate	
			H&W	Pension	App Tr.	Vac.	Annuity	Other	LECET (*)			MISC (*)
Classification												
Laborer Group 1	\$38.93		\$8.60	\$4.45	\$0.45	\$0.00	\$2.50	\$0.00	\$0.10	\$0.00	\$55.03	\$74.50
Group 2	\$39.10		\$8.60	\$4.45	\$0.45	\$0.00	\$2.50	\$0.00	\$0.10	\$0.00	\$55.20	\$74.75
Group 3	\$39.43		\$8.60	\$4.45	\$0.45	\$0.00	\$2.50	\$0.00	\$0.10	\$0.00	\$55.53	\$75.25
Group 4	\$39.88		\$8.60	\$4.45	\$0.45	\$0.00	\$2.50	\$0.00	\$0.10	\$0.00	\$55.98	\$75.92
Watch Person	\$32.00		\$8.60	\$4.45	\$0.45	\$0.00	\$2.50	\$0.00	\$0.10	\$0.00	\$48.10	\$64.10
Apprentice	BHR	Percent										
0-1000 hrs	\$31.14	\$80.00	\$8.60	\$4.45	\$0.45	\$0.00	\$2.50	\$0.00	\$0.10	\$0.00	\$47.24	\$62.82
1001-2000 hrs	\$33.09	\$85.00	\$8.60	\$4.45	\$0.45	\$0.00	\$2.50	\$0.00	\$0.10	\$0.00	\$49.19	\$65.74
2001-3000 hrs	\$35.04	\$90.00	\$8.60	\$4.45	\$0.45	\$0.00	\$2.50	\$0.00	\$0.10	\$0.00	\$51.14	\$68.66
3001-4000 hrs	\$36.98	\$95.00	\$8.60	\$4.45	\$0.45	\$0.00	\$2.50	\$0.00	\$0.10	\$0.00	\$53.08	\$71.58
More than 4000 hrs	\$38.93	\$100.00	\$8.60	\$4.45	\$0.45	\$0.00	\$2.50	\$0.00	\$0.10	\$0.00	\$55.03	\$74.50

(*)Special Calculation Note :

Watchman have no Apprentices. Tunnel Laborer rate with air-pressurized add \$1.00 to the above wage rate
Commercial Driver's License – Any Laborer required to utilize a valid Commercial Driver's License (CDL), are in compliance with necessary FMCSA regulations and approved by the Contractor to operate a Commercial Motor Vehicle (CMV), shall be paid one dollar (\$1.00) per hour above the base rate for the entirety of their working shift.

Ratio :

1 Journeymen to 1 Apprentice 3 Journeymen to 1 Apprentice thereafter

Jurisdiction (* denotes special jurisdictional note) :

Cuyahoga, Geauga

Special Jurisdictional Note :

Hod Carriers and Common Laborers - Heavy, Highway, Sewer, Waterworks, Utility, Airport, Railroad, Industrial and Building Site

Details :

Group 1 Laborer (Construction); Plant Laborer or Yardman, Right-of-way Laborer, Landscape Laborer, Highway Lighting Worker, Signalization Worker, (Swimming) Pool Construction Laborer, Utility Man, *Bridge Man, Handyman, Joint Setter, Flagperson, Carpenter Helper, Waterproofing Laborer, Slurry Seal, Seal Coating, Surface Treatment or Road Mix Laborer, Riprap Laborer & Grouter, Asphalt Laborer, Dump Man (batch trucks), Guardrail & Fence Installer, Mesh Handler & Placer, Concrete Curing Applicator, Scaffold Erector, Sign Installer, Hazardous Waste (level D), Diver Helper, Zone Person and Traffic Control. *Bridge Man will perform work as per the October 31, 1949, memorandum on concrete forms, by and between the United Brotherhood of Carpenters and Joiners of America and the Laborers' International Union of North America, which states in; "the moving, cleaning, oiling and carrying to the next point of erection, and the stripping of forms which are not to be re-used, and forms on all flat arch work shall be done by members of the Laborers' International Union of North America." Group 2 Asphalt Raker, Screwman or Paver, Concrete Puddler, Kettle Man (pipeline), All Machine-Driven Tools (Gas, Electric, Air), Mason Tender, Brick Paver, Mortar Mixer, Skid Steer, Sheeting & Shoring Person, Surface Grinder Person, Screedperson, Water Blast, Hand Held Wand, Power Buggy or Power Wheelbarrow, Paint Striper, Plastic fusing Machine Operator, Rodding Machine Operator, Pug Mill Operator, Operator of All Vacuum Devices Wet or Dry, Handling of all Pumps 4 inches and under (gas, air or electric), Diver, Form Setter, Bottom Person, Welder Helper (pipeline), Concrete Saw Person, Cutting with Burning Torch, Pipe Layer, Hand Spiker (railroad), Underground Person (working in sewer and waterline, cleaning, repairing and reconditioning). Tunnel Laborer (without air), Caisson, Cofferdam (below 25 feet deep), Air Track and Wagon Drill, Sandblaster Nozzle Person, Hazardous Waste (level B), ***Lead Abatement, Hazardous Waste (level C) ***Includes the erecting of structures for the removal, including the encapsulation and containment of Lead abatement process. Group 3 Blast and Powder Person, Muckers will be defined as shovel men working directly with the miners, Wrencher (mechanical joints & utility pipeline), Yarnier, Top Lander, Hazardous Waste (level A), Concrete Specialist, Curb Setter and Cutter, Grade Checker, Concrete Crew in Tunnels. Utility pipeline Tappers, Waterline, Caulker, Signal Person will receive the rate equal to the rate paid the Laborer classification for which the Laborer is signaling. Group 4 Miner, Welder, Guniting Nozzle Person A.) The Watchperson shall be responsible to patrol and maintain a safe traffic zone including but not limited to barrels, cones, signs, arrow boards, message boards etc. The responsibility of a watchperson is to see that the equipment, job and office trailer etc. are secure.

Prevailing Wage Rate Skilled Crafts

Name of Union: Operating Engineers - HevHwy Zone I

Type of Rate: Commercial

Change #:
LCN01-2025ib

Craft:
Operating Engineer

Effective Date:
5/1/2025

Effective Date:
5/1/2025

	BHR		Fringe Benefit Payments					Irrevocable Fund		Total PWR	Overtime Rate	
			H&W	Pension	App Tr.	Vac.	Annuity	Other	LECET (*)			MISC (*)
Classification												
Operator Class A	\$47.33		\$9.51	\$6.25	\$0.95	\$0.00	\$0.00	\$0.09	\$0.00	\$0.10	\$64.23	\$87.90
Operator Class B	\$47.23		\$9.51	\$6.25	\$0.95	\$0.00	\$0.00	\$0.09	\$0.00	\$0.10	\$64.13	\$87.75
Operator Class C	\$46.19		\$9.51	\$6.25	\$0.95	\$0.00	\$0.00	\$0.09	\$0.00	\$0.10	\$63.09	\$86.19
Operator Class D	\$44.97		\$9.51	\$6.25	\$0.95	\$0.00	\$0.00	\$0.09	\$0.00	\$0.10	\$61.87	\$84.36
Operator Class E	\$39.68		\$9.51	\$6.25	\$0.95	\$0.00	\$0.00	\$0.09	\$0.00	\$0.10	\$56.58	\$76.42
Master Mechanic	\$48.33		\$9.51	\$6.25	\$0.95	\$0.00	\$0.00	\$0.09	\$0.00	\$0.10	\$65.23	\$89.40
Lift Director	\$48.33		\$9.51	\$6.25	\$0.95	\$0.00	\$0.00	\$0.09	\$0.00	\$0.10	\$65.23	\$89.40
Crane and Mobile Concrete Pump 150' - 179'	\$47.83		\$9.51	\$6.25	\$0.95	\$0.00	\$0.00	\$0.09	\$0.00	\$0.10	\$64.73	\$88.65
Crane and Mobile Concrete Pump 180' - 249'	\$48.33		\$9.51	\$6.25	\$0.95	\$0.00	\$0.00	\$0.09	\$0.00	\$0.10	\$65.23	\$89.40
Crane and Mobile Concrete Pump 250' and Over	\$48.58		\$9.51	\$6.25	\$0.95	\$0.00	\$0.00	\$0.09	\$0.00	\$0.10	\$65.48	\$89.77
Apprentice	BHR	Percent										
1st Year	\$23.67	\$50.00	\$9.51	\$6.25	\$0.95	\$0.00	\$0.00	\$0.09	\$0.00	\$0.10	\$40.57	\$52.40
2nd Year	\$28.40	\$60.00	\$9.51	\$6.25	\$0.95	\$0.00	\$0.00	\$0.09	\$0.00	\$0.10	\$45.30	\$59.50
3rd Year	\$33.13	\$70.00	\$9.51	\$6.25	\$0.95	\$0.00	\$0.00	\$0.09	\$0.00	\$0.10	\$50.03	\$66.60
4th Year	\$37.86	\$80.00	\$9.51	\$6.25	\$0.95	\$0.00	\$0.00	\$0.09	\$0.00	\$0.10	\$54.76	\$73.70
Field Mech Trainee	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$
1st year	\$28.40	\$60.00	\$9.51	\$6.25	\$0.95	\$0.00	\$0.00	\$0.09	\$0.00	\$0.00	\$45.30	\$59.50
2nd year	\$33.13	\$70.00	\$9.51	\$6.25	\$0.95	\$0.00	\$0.00	\$0.09	\$0.00	\$0.00	\$50.03	\$66.60
3rd year	\$37.86	\$80.00	\$9.51	\$6.25	\$0.95	\$0.00	\$0.00	\$0.09	\$0.00	\$0.00	\$54.76	\$73.70
4th year	\$42.60	\$90.00	\$9.51	\$6.25	\$0.95	\$0.00	\$0.00	\$0.09	\$0.00	\$0.00	\$59.50	\$80.80

(*)Special Calculation Note :

Other: Education & Safety Fund Misc: National Training

Ratio :

For every (3) Operating Engineer Journeymen employed by the company, there may be employed (1) Registered Apprentice or Trainee Engineer through the referral when they are available. An Apprentice, while employed as part of a crew per Article VIII, paragraph 68 will not be subject to the apprenticeship ratios in this collective bargaining agreement

Jurisdiction (* denotes special jurisdictional note) :

Ashtabula, Cuyahoga, Erie, Geauga, Lake, Lorain, Medina, Portage, Summit

Special Jurisdictional Note :

Details :

**Apprentices will receive a 10% increase on top of the percentages listed above provided they are operating mobile equipment.

Class A - Air Compressors on Steel Erection; Asphalt Plant Engineers (Cleveland District Only); Barrier Moving Machine; Boiler Operators, Compressor Operators, or Generators, when mounted on a rig; Boom Trucks (all types); Cableways; Cherry Pickers; Combination- Concrete Mixers & Towers; Concrete Plants (over 4 yd capacity); Concrete Pumps; Cranes (all types); Compact Cranes track or rubber over 4,000 pounds capacity; Cranes self-erecting stationary, track or truck; Derricks (all types); Draglines; Dredges dipper, clam or suction; Elevating Graders or Euclid Loaders; Floating Equipment (all types); Gradalls; Helicopter Crew (Operator- hoist or winch); Hoes (all types); Hoisting Engines; Hoisting Engines, on shaft or tunnel work; Hydraulic Gantry (lifting system); Industrial-type Tractors; Jet Engine Dryer (D8 or D9) diesel Tractors; Locomotives (standard gauge); Maintenance Operators/Technicians (class A); Mixers, paving (single or double drum); Mucking Machines; Multiple Scrapers; Piledriving Machines (all types); Power Shovels, Prentice Loader; Quad 9 (double pusher); Rail Tamper (with automatic lifting and aligning device); Refrigerating Machines (freezer operation); Rotary Drills, on caisson work; Rough Terrain Fork Lift with winch/hoist; Side Booms; Slip Form Pavers; Survey Crew Party Chiefs; Tower Derricks; Tree Shredders; Trench Machines (over 24" wide); Truck Mounted Concrete Pumps; Tug Boats; Tunnel Machines and /or Mining Machines; Wheel Excavators.

Class B - Asphalt Pavers; Automatic Subgrade Machines, self-propelled (CMI-type); Bobcat-type and /or Skid Steer Loader with hoe attachment greater than 7000 lbs.; Boring Machine Operators (more than 48 inches); Bulldozers; Concrete Saws, Vermeer type; Endloaders; Horizontal Directional Drill (50,000 ft. lbs. thrust and over); Hydro Milling Machine; Kolman-type Loaders (production type-dirt); Lead Greasemen; Lighting and Traffic Signal Installation Equipment includes all groups or classifications; Maintenance Operators/Technicians, Class B - Material Transfer Equipment (shuttle buggy) Asphalt; Pettibone-Rail Equipment; Power Graders; Power Scrapers; Push Cats; Rotomills (all), Grinders and Planners of all types, Groovers (excluding walk-behinds); Trench Machines (24 inch wide and under).

Class C - A-Frames; Air Compressors, on tunnel work (low Pressure); Articulating/straight bed end dumps if assigned (minus \$4.00 per hour); Asphalt Plant Engineers (Portage and Summit Counties only); Bobcat-type and/or skid steer loader with or without attachments; Drones; Highway Drills (all types); HydroVac/Excavator (when a second person is needed, the rate of pay will be "Class E"); Locomotives (narrow gauge); Material Hoist/Elevators; Mixers, concrete (more than one bag capacity); Mixers, one bag capacity (side loader); Power Boilers (over 15 lbs. pressure); Pump Operators (installing or operating well Points); Pumps (4 inch and over discharge); Railroad Tie Inserter/Remover; Rollers, Asphalt; Rotovator (lime-soil Stabilizer); Switch & Tie Tampers (without lifting and aligning device); Utilities Operators, (small equipment); Welding Machines and Generators.

Class D – Backfillers and Tampers; Ballast Re-locator; Bar and Joint Installing Machines; Batch Plant Operators; Boring Machine Operators (48 inch or less); Bull Floats; Burlap and Curing Machines; Concrete Plants (capacity 4 yds. and under); Concrete Saws (multiple); Conveyors (highway); Crushers; Deckhands; Farm type tractors, with attachments (highway); Finishing Machines; Firemen, Floating Equipment (all types); Fork Lifts (highway), except masonry; Form Trenchers; Hydro Hammers; Hydro Seeders; Pavement Breakers (hydraulic or cable); Plant Mixers; Post Drivers; Post Hole Diggers; Power Brush Burners; Power Form Handling Equipment; Road Widening Trenchers; Rollers (brick, grade, macadam); Self-Propelled Power Spreaders; Self-Propelled Sub-Graders; Steam Firemen; Survey Instrument men; Tractors, pulling sheepsfoot rollers or graders; Vibratory Compactors, with integral power.

Class E - Compressors (portable, Sewer, Heavy and Highway); Cranes-Compact, track or rubber under 4,000 pound capacity; Drum Firemen (asphalt plant); Fueling and greasing (Primary Operator with Specialized CDL Endorsement Add \$3.00/hr); Generators; Inboard-Outboard Motor Boat Launches; Masonry Fork Lifts; Oil Heaters (asphalt plant); Oilers/Helpers; Power Driven Heaters (oil fired); Power Scrubbers; Power Sweepers; Pumps (under 4 inch discharge); Signalperson; Survey Rodmen or Chairmen; Tire Repairmen; VAC/ALLS.

Master Mechanic - Master Mechanic

Cranes and Mobile Concrete Pumps 150' -179' - Boom & Jib 150 - 179 feet
Cranes and Mobile Concrete Pumps 180' - 249' - Boom & Jib 180 - 249 feet
Cranes and Mobile Concrete Pumps 250' and over - Boom & Jib 250 feet or over

Prevailing Wage Rate Skilled Crafts

Name of Union: Painter Local 707 HvyHwy

Type of Rate: Commercial

Change #:
LCN01-2025ib

Craft:
Painter

Effective Date:
7/16/2025

Effective Date:
7/16/2025

	BHR	Fringe Benefit Payments						Irrevocable Fund		Total PWR	Overtime Rate
		H&W	Pension	App Tr.	Vac.	Annuity	Other	LECET (*)	MISC (*)		
Classification											
Class 1: Bridge Blaster	\$41.71	\$9.52	\$6.08	\$0.45	\$0.00	\$4.15	\$0.00	\$0.00	\$0.00	\$61.91	\$82.77
Class 2: Bridge Painter, Rigger, Containment Builder, Spot Blaster	\$38.91	\$9.52	\$6.08	\$0.45	\$0.00	\$4.15	\$0.00	\$0.00	\$0.00	\$59.11	\$78.56
Class 3: Equipment Operator/ Field Mechanic, Grit Reclamation, Paint Mixer, Traffic Control Boat Person, Driver (0-5 Years Exp.)	\$31.71	\$9.52	\$6.08	\$0.45	\$0.00	\$4.15	\$0.00	\$0.00	\$0.00	\$51.91	\$67.77
Class 3: Equipment Operator/ Field Mechanic, Grit Reclamation, Paint Mixer, Traffic Control Boat Person, Driver (5 Plus Years Exp.)	\$34.71	\$9.52	\$6.08	\$0.45	\$0.00	\$4.15	\$0.00	\$0.00	\$0.00	\$54.91	\$72.27
Class 4: Concrete Sealing, Concrete Blasting/P ower Washing/ Etc	\$30.71	\$9.52	\$6.08	\$0.45	\$0.00	\$4.15	\$0.00	\$0.00	\$0.00	\$50.91	\$66.27

Class 5: Quality Control/Q uality Assurance , Traffic Safety, Competen t Person	\$34.71		\$9.52	\$6.08	\$0.45	\$0.00	\$4.15	\$0.00	\$0.00	\$0.00	\$54.91	\$72.27
Apprentice	BHR	Percent										
1st Year	\$27.11	\$65.00	\$9.52	\$1.64	\$0.45	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$38.72	\$52.27
2nd Year	\$31.28	\$75.00	\$9.52	\$2.25	\$0.45	\$0.00	\$2.91	\$0.00	\$0.00	\$0.00	\$46.41	\$62.05
3rd Year	\$35.45	\$85.00	\$9.52	\$2.70	\$0.45	\$0.00	\$3.32	\$0.00	\$0.00	\$0.00	\$51.44	\$69.17

(*)Special Calculation Note :

Apprentice pay based on percentage of above appropriate classification.

Application of Catalytic materials under class 3 hazardous per MSDS- add .65 per hour to the above Job Classification basic hourly rate.

Application of Catalytic materials under class 4 hazardous per MSDS- add 1.00 per hour to the above Job Classification basic hourly rate.

Ratio :

1 Apprentice to 1 Journeyman

Jurisdiction (* denotes special jurisdictional note) :

Ashtabula, Cuyahoga, Geauga, Lake, Lorain, Portage*, Summit*

Special Jurisdictional Note :

Portage & Summit North of the East-West Turnpike.

Details :

Painter Bridge Class 2 is Defined as; Bridge Painter, Rigger, Containment Builder

Concrete Sealing: on highway work, scaling of concrete surfaces, the treating and sealing of bridge decks, the painting and staining of concrete, including the abutments, barricades, noise barriers, lane dividers, etc.

Prevailing Wage Rate Skilled Crafts

Name of Union: Pipefitter Local 120

Type of Rate: Commercial

Change #:
LCN01-2025ib

Craft:
Pipefitter

Effective Date:
6/11/2025

Effective Date:
6/11/2025

	BHR		Fringe Benefit Payments					Irrevocable Fund		Total PWR	Overtime Rate	
			H&W	Pension	App Tr.	Vac.	Annuity	Other	LECET (*)			MISC (*)
Classification												
Pipefitter	\$49.17		\$13.05	\$11.80	\$1.27	\$0.00	\$3.50	\$0.20	\$0.00	\$0.00	\$78.99	\$103.58
Apprentice	BHR	Percent										
1st year	\$23.83	\$48.46	\$5.70	\$0.00	\$1.27	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$30.80	\$42.71
2nd year	\$24.57	\$49.97	\$12.23	\$7.20	\$1.27	\$0.00	\$0.88	\$0.20	\$0.00	\$0.00	\$46.35	\$58.64
3rd year	\$28.45	\$57.86	\$12.23	\$7.20	\$1.27	\$0.00	\$0.88	\$0.20	\$0.00	\$0.00	\$50.23	\$64.45
4th year	\$33.89	\$68.92	\$12.23	\$7.20	\$1.27	\$0.00	\$0.88	\$0.20	\$0.00	\$0.00	\$55.67	\$72.61
5th year	\$37.78	\$76.84	\$12.23	\$7.20	\$1.27	\$0.00	\$0.88	\$0.20	\$0.00	\$0.00	\$59.56	\$78.45

(*)Special Calculation Note :

OTHER: SUPPLEMENTAL UNEMPLOYMENT BENEFITS

Ratio :

1 Journeyman to 1 Apprentice 2-4 Journeymen to 2 Apprentices 5-7 Journeymen to 3 Apprentices 3 to 1 on jobs with 12 or more journeymen

Jurisdiction (* denotes special jurisdictional note) :

Ashtabula, Cuyahoga, Geauga, Lake, Medina*, Summit*

Special Jurisdictional Note :

Summit County - North of State Route 303 including work within the corporate limits of the City of Hudson, that portion of Medina County North of State Route 18 and Smith Road and including work within the corporate limits of the City of Medina.

Details :

Under pipefitter duties shall include - steam and hot water heating boilers and related controls such as automatic feedwater and low water cut-offs, safety relief valves and gas trains; steam regulators, traps, steam valves, steam heaters, steam and hot water heating coils; feedwater lines to boilers, condensate pumps, condensate tanks and related piping to boilers, expansion tanks and controls on hot water heating systems; refrigeration and air conditioning systems that are separate from one another and are connected through piping; install, calibrate and maintain pneumatic temperature controls and piping for heating and cooling devices; piping, pumps and controls on the fluent water system in water treatment plants; hose cabinets and automatic fire sprinkler systems; underground water supply piping and devices; all fire stopping of piping systems; to operate a pipe cutting machine, to thread pipe by machine or hand dies; to do oxyacetylene and electric welding on iron and steel pipes when required; to perform other tasks when assigned.

Prevailing Wage Rate Skilled Crafts

Name of Union: Plumber Local 55

Type of Rate: Commercial

Change #:
LCN01-2025ib

Craft:
Plumber

Effective Date:
5/21/2025

Effective Date:
5/21/2025

Classification	BHR		Fringe Benefit Payments					Irrevocable Fund		Total PWR	Overtime Rate	
			H&W	Pension	App Tr.	Vac.	Annuity	Other	LECET (*)			MISC (*)
Plumber	\$44.86		\$12.87	\$9.63	\$1.23	\$0.00	\$7.10	\$0.20	\$0.00	\$0.00	\$75.89	\$98.32
Shopman (When in the field)	\$24.69		\$9.50	\$5.59	\$0.10	\$0.00	\$3.85	\$0.00	\$0.00	\$0.00	\$43.73	\$56.08
Plumber Light Commercial Journeymen	\$29.42		\$9.18	\$2.28	\$0.69	\$0.00	\$3.58	\$0.20	\$0.00	\$0.00	\$45.35	\$60.06
Apprentice Light Commercial Trainee	\$		\$	\$	\$	\$	\$	\$	\$	\$	\$	\$
0-3 Months	\$14.84		\$0.00	\$0.00	\$0.50	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$15.34	\$22.76
4-6 Months	\$15.03		\$3.69	\$0.00	\$0.46	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$19.18	\$26.70
7-12 Months	\$15.32		\$4.42	\$0.33	\$0.63	\$0.00	\$1.13	\$0.00	\$0.00	\$0.00	\$21.83	\$29.49
2nd Year	\$16.67		\$4.49	\$0.35	\$0.65	\$0.00	\$1.20	\$0.00	\$0.00	\$0.00	\$23.36	\$31.70
3rd Year	\$18.03		\$4.55	\$0.36	\$0.68	\$0.00	\$1.28	\$0.00	\$0.00	\$0.00	\$24.90	\$33.92
Apprentice	BHR	Percent										
1-6 Months	\$19.80	\$44.14	\$7.39	\$0.24	\$0.95	\$0.00	\$1.56	\$0.00	\$0.00	\$0.00	\$29.94	\$39.84
7-12 Months	\$22.50	\$50.15	\$7.61	\$0.44	\$1.00	\$0.00	\$2.01	\$0.20	\$0.00	\$0.00	\$33.76	\$45.01
2nd year 1-6	\$24.07	\$53.65	\$8.37	\$0.85	\$1.05	\$0.00	\$3.06	\$0.20	\$0.00	\$0.00	\$37.60	\$49.63
2nd year 7-12	\$25.01	\$55.76	\$8.55	\$2.85	\$1.05	\$0.00	\$3.78	\$0.20	\$0.00	\$0.00	\$41.44	\$53.95
3rd year 1-6	\$28.09	\$62.61	\$9.08	\$2.80	\$1.05	\$0.00	\$4.00	\$0.20	\$0.00	\$0.00	\$45.22	\$59.26
3rd year 7-12	\$30.24	\$67.40	\$9.32	\$3.63	\$1.05	\$0.00	\$4.62	\$0.20	\$0.00	\$0.00	\$49.06	\$64.17
4th year	\$33.02	\$73.60	\$9.57	\$4.07	\$1.05	\$0.00	\$4.98	\$0.20	\$0.00	\$0.00	\$52.89	\$69.40
5th year	\$35.83	\$79.88	\$9.81	\$4.51	\$1.05	\$0.00	\$5.33	\$0.20	\$0.00	\$0.00	\$56.73	\$74.65

(*)Special Calculation Note :

OTHER IS: SUPPLEMENTAL UNEMPLOYMENT

Ratio :

1 Journeyman 1 Apprentice 2 Journeymen to 1 Apprentice thereafter Light Commercial Ratio 1-2 Journeymen to 1 Trainee 3 Journeymen to 2 Trainees 4-5 Journeymen to 3 Trainees 6-8 Journeymen to 4 Trainees 9-10 Journeymen to 5 Trainees 11-13 Journeymen to 6 Trainees

Jurisdiction (* denotes special jurisdictional note) :

Ashtabula, Cuyahoga, Geauga, Lake, Medina*, Summit*

Special Jurisdictional Note :

Summit County - North of State Route 303 including work within the corporate limits of the City of Hudson, that portion of Medina County North of Route 18 and Smith Road and the corporate limits of the City of Medina.

Details :

The Plumber Shopman will have charge of the Employer's shop and warehouse containing plumbing and heating supplies and equipment, and perform such duties as are customarily required by a Plumber or a Plumber's Shopman, including casual delivery of tools and equipment necessary for installation of Plumbing and Heating facilities. One field shopman per shop may be hired after employing the 1st apprentice, and a second field shopman per shop may be hired after employing the 5th apprentice. These shopmen may work in the field performing primarily non-mechanical work. The plumber shopman's duties do not include the installation of plumbing. The Plumber Light Commercial Rate can be used for the following: Any private construction project covered by this agreement shall be eligible for designation as a Market Recovery Project (Lt Commercial). The Market Recovery (Lt Commercial) wage rate shall be determined project specific by the business manager. The Market Recovery rate (Lt Commercial) may be utilized on all new, repair, remodeling, alteration, and/or maintenance (interior and exterior) of "Private Enterprise Projects"; including office buildings, service buildings, retail establishments, churches, motels/hotels, and strip shopping centers which fall under this agreement.

Prevailing Wage Rate Skilled Crafts

Name of Union: Truck Driver Local 436 - HevHwy Class 1

Type of Rate: Commercial

Change #:
LCN02-2025ib

Craft:
Truck Driver

Effective Date:
5/28/2025

Effective Date:
5/28/2025

	BHR		Fringe Benefit Payments					Irrevocable Fund		Total PWR	Overtime Rate	
			H&W	Pension	App Tr.	Vac.	Annuity	Other	LECET (*)			MISC (*)
Classification												
Truck Driver CLASS 1	\$34.92		\$9.25	\$10.05	\$0.40	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$54.62	\$72.08
Apprentice	BHR	Percent										
First 6 months	\$27.94	\$80.00	\$9.25	\$10.05	\$0.40	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$47.64	\$61.60
7-12 months	\$29.68	\$85.00	\$9.25	\$10.05	\$0.40	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$49.38	\$64.22
13-18 months	\$31.43	\$90.00	\$9.25	\$10.05	\$0.40	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$51.13	\$66.84
19-24 months	\$33.17	\$95.00	\$9.25	\$10.05	\$0.40	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$52.87	\$69.46
25-30 months	\$34.92	\$100.00	\$9.25	\$10.05	\$0.40	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$54.62	\$72.08

(*)Special Calculation Note :

Ratio :

3 Journeymen to 1 Apprentice

Jurisdiction (* denotes special jurisdictional note) :

Cuyahoga, Geauga, Lake

Special Jurisdictional Note :

Details :

CLASS 1: Drivers on trucks, including but not limited to: 4-wheel service trucks; 4-wheel dump trucks; batch trucks; drivers on tandems; truck sweepers (not to include power sweepers and scrubbers) Drivers on tractor – trailer combinations including but not limited to the following: Semi-tractor trucks; pole trailers; ready-mix trucks; fuel trucks; all trucks five (5) axle and over; drivers on belly dumps; truck mechanics (when needed).

Prevailing Wage Rate Skilled Crafts

Name of Union: Truck Driver Local 436 - HevHwy Class 2

Type of Rate: Commercial

Change #:
LCN02-2025ib

Craft:
Truck Driver

Effective Date:
5/28/2025

Effective Date:
5/28/2025

	BHR		Fringe Benefit Payments						Irrevocable Fund		Total PWR	Overtime Rate
			H&W	Pension	App Tr.	Vac.	Annuity	Other	LECET (*)	MISC (*)		
Classification												
Truck Driver CLASS 2	\$35.73		\$9.25	\$10.05	\$0.40	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$55.43	\$73.30
Apprentice	BHR	Percent										
First 6 months	\$28.58	\$80.00	\$9.25	\$10.05	\$0.40	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$48.28	\$62.58
7-12 months	\$30.37	\$85.00	\$9.25	\$10.05	\$0.40	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$50.07	\$65.26
13-18 months	\$32.16	\$90.00	\$9.25	\$10.05	\$0.40	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$51.86	\$67.94
19-24 months	\$33.94	\$95.00	\$9.25	\$10.05	\$0.40	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$53.64	\$70.62
25-30 months	\$35.73	\$100.00	\$9.25	\$10.05	\$0.40	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$55.43	\$73.30

(*)Special Calculation Note :

Ratio :

3 Journeymen to 1 Apprentice

Jurisdiction (* denotes special jurisdictional note) :

Cuyahoga, Geauga, Lake

Special Jurisdictional Note :

Details :

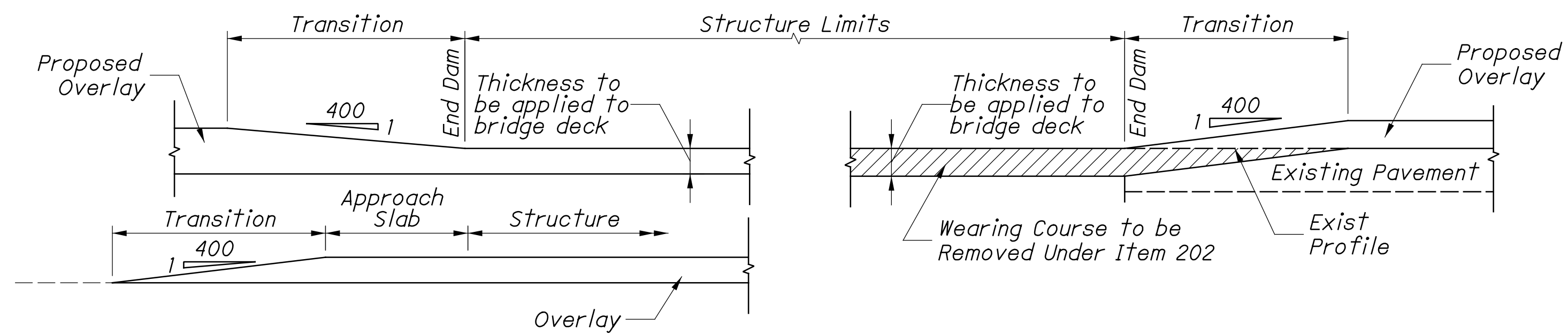
CLASS 2: Drivers on articulated dump trucks; rigid-frame rock trucks; distributor trucks; low boys/drag driver on the construction site only and heavy duty equipment (irrespective of load carried) when used exclusively for transportation on the construction site only.

REVISIONS	
01-19-2024	
01-21-2022	
01-17-2020	
10-18-2019	
07-18-2014	
04-20-2012	
01-20-2012	
10-19-2007	

SDS ENGINEER
W. Feehan

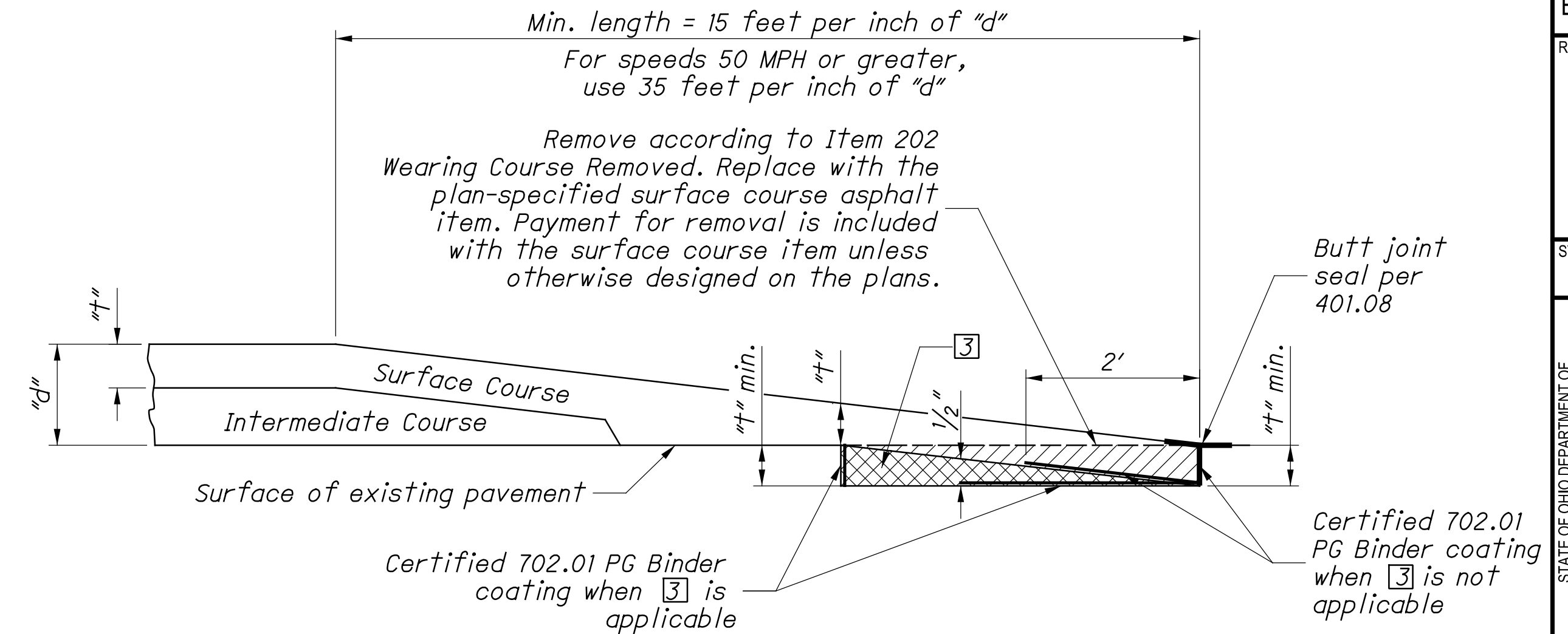
STATE OF OHIO DEPARTMENT OF
TRANSPORTATION ADMINISTRATOR
Craig Landefeld

ASPHALT PAVING

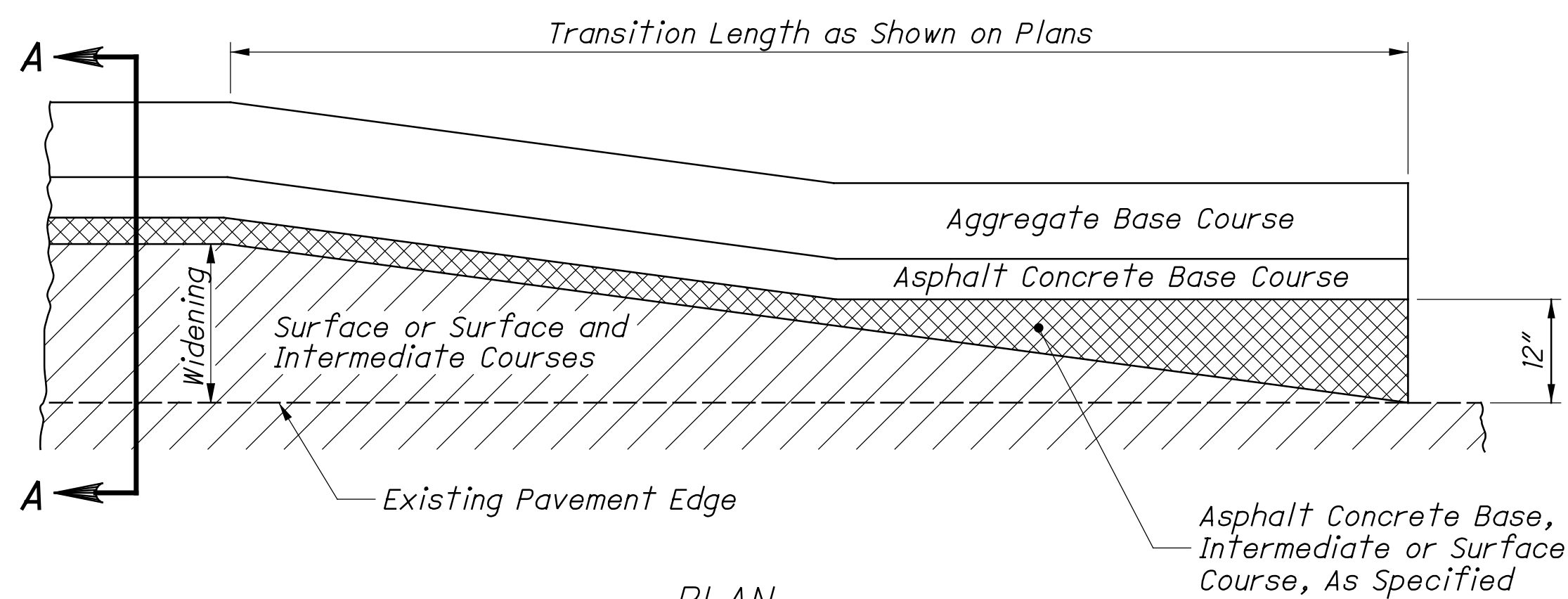


Details assume non-settled approach slabs. Smoothing of the profile for Settlement is required per plan grades or as directed by the Engineer.

TRANSITIONING AT STRUCTURES

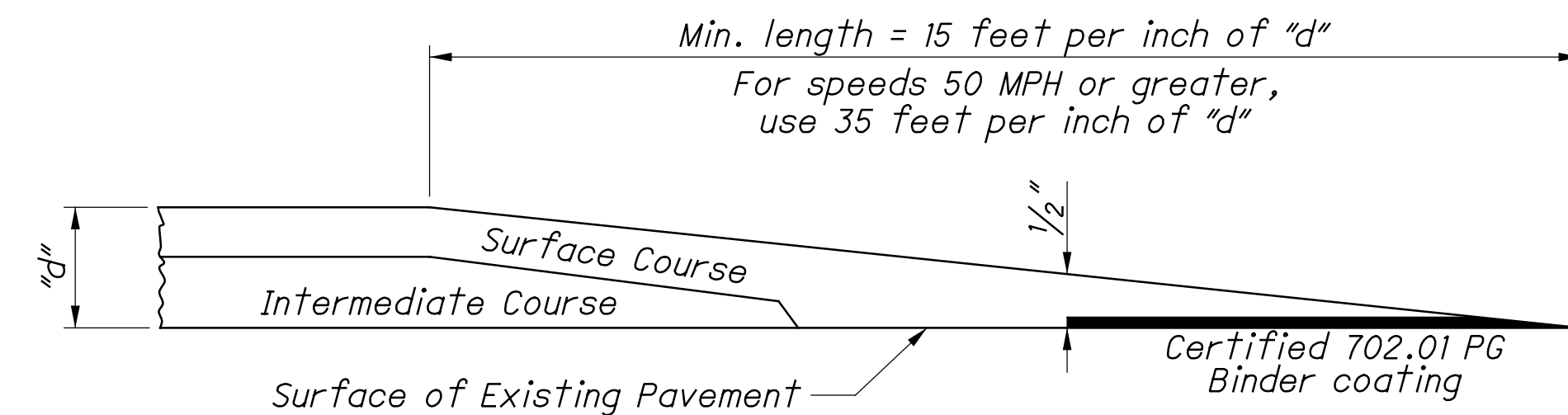


Butt Joint



PLAN

MERGING EDGE OF PAVEMENT WIDENING WITH EDGE OF EXISTING PAVEMENT

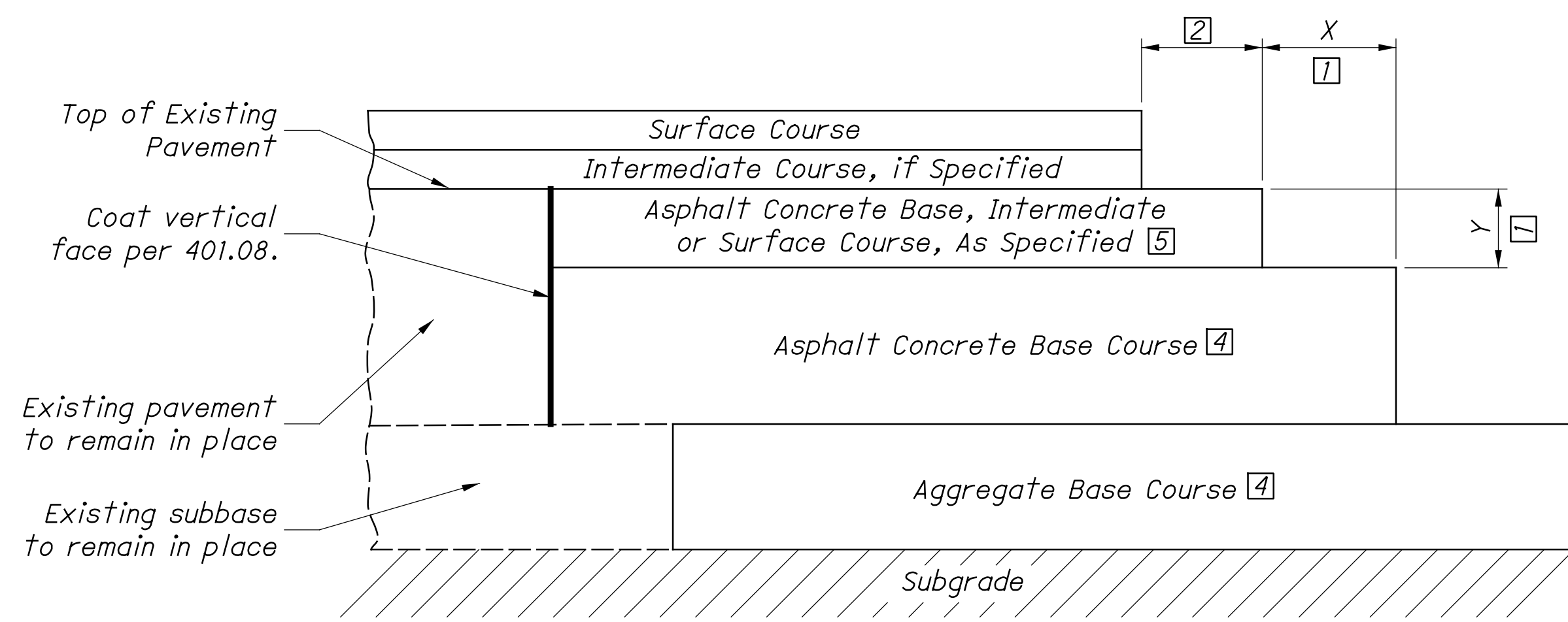


Taper End

NOTE: Butt joint is required unless the taper end is specified in the plans or approved by the Engineer

BUTT JOINTS AND TAPER ENDS

Values for "t" and "d" are obtained from the plans.



SECTION A-A

COURSE DETAIL FOR WIDENING

Note: Do not use this detail for cold longitudinal joints required by phasing for maintenance of traffic.

LEGEND

- [1] The extended width (X) of a base or subbase lift shall be equal to the depth (Y) of the overlying lift or 6", whichever is greater, or as shown on the plans.
- [2] The extended width shall be equal to the combined thickness of the surface and intermediate courses, or 4", whichever is greater.
- [3] Permissible removal and replacement.
- [4] The bottom of the proposed Asphalt Concrete Base course and Aggregate Base course may not align with the existing pavement or subbase as shown. Ensure the widening subgrade is at or below the existing subgrade to ensure proper drainage.
- [5] Construct the lift shown so that the compacted surface slightly exceeds the elevation of the top of the existing pavement.

DESIGN AGENCY



SCD NUMBER
BP-3.1

SHEET TOTAL
1 2

REVISIONS	
01-19-2024	
01-21-2022	
01-17-2020	
10-18-2019	
07-18-2014	
04-20-2012	
01-20-2012	
10-19-2007	

STDS ENGINEER
W. Feehan

STATE OF OHIO DEPARTMENT OF
TRANSPORTATION ADMINISTRATOR
Craig Landefeld

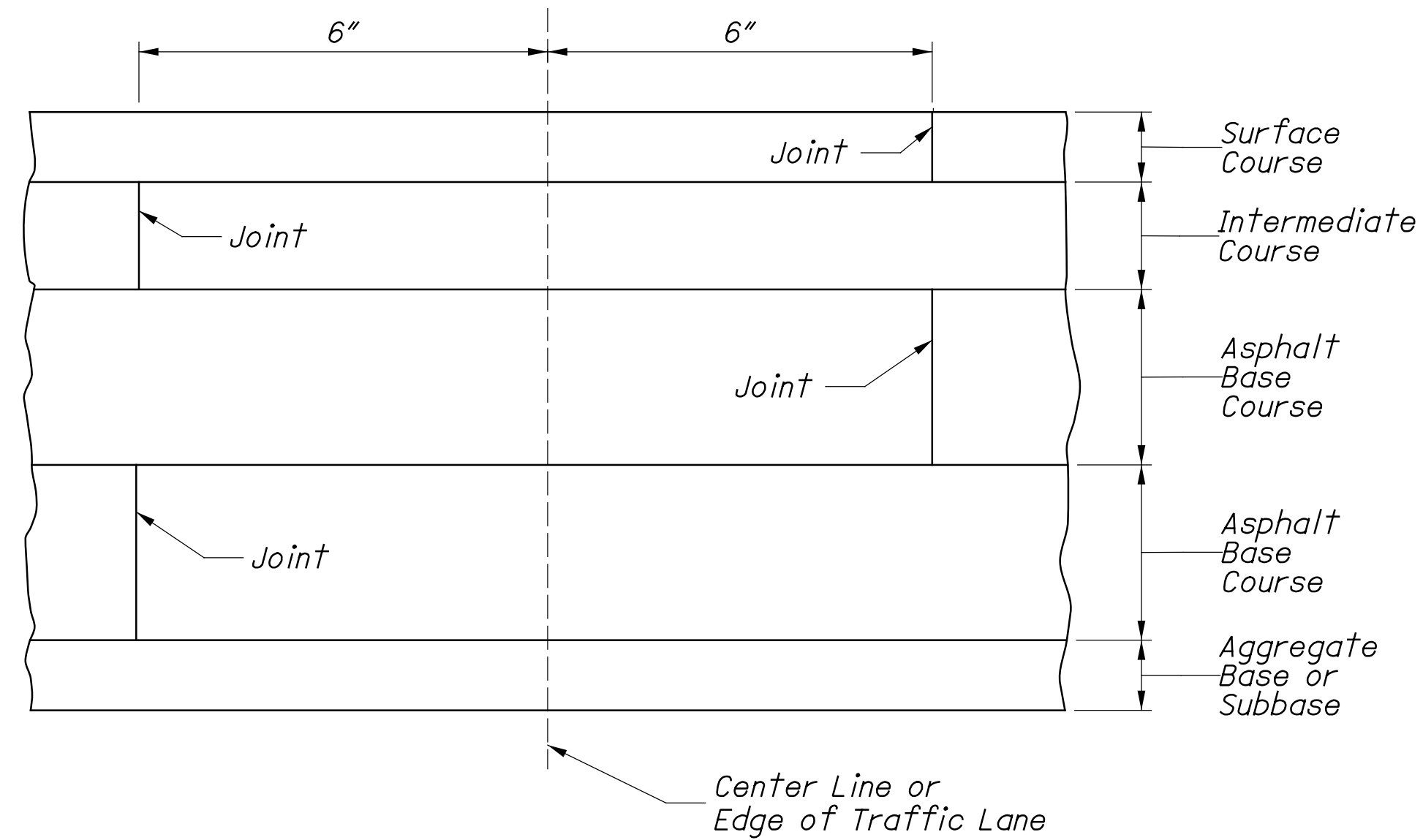
ASPHALT PAVING

DESIGN AGENCY

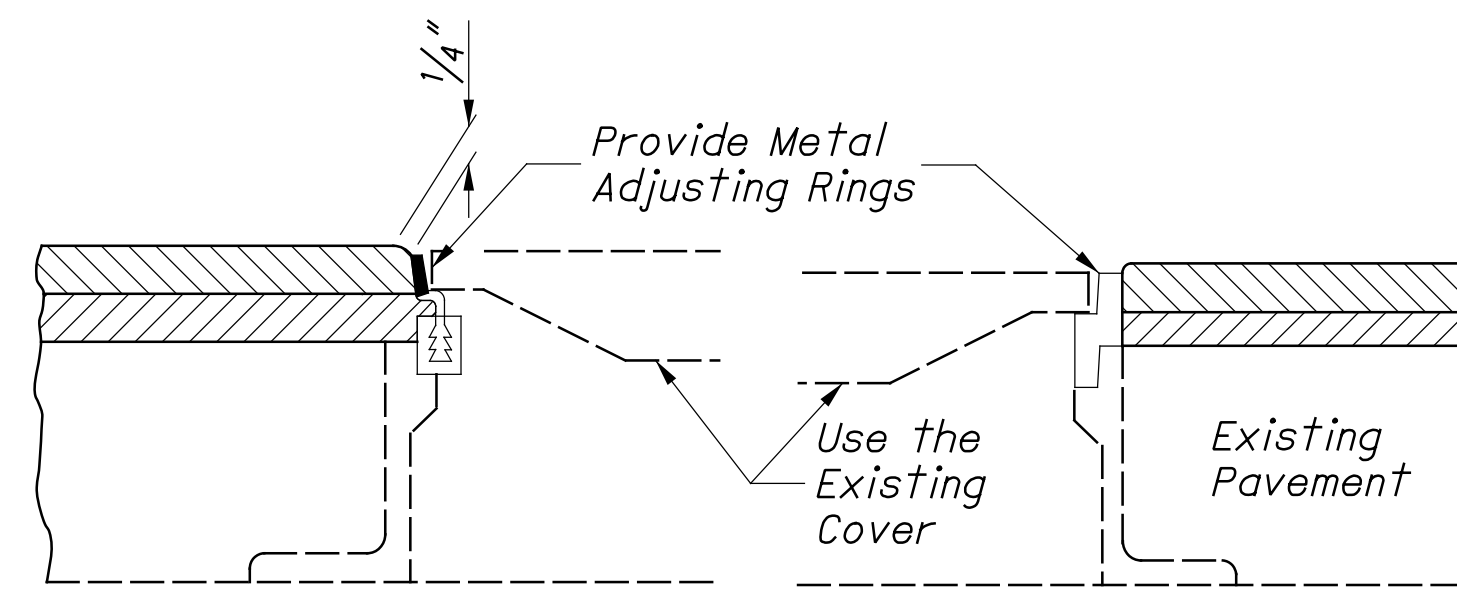


SCD NUMBER
BP-3.1

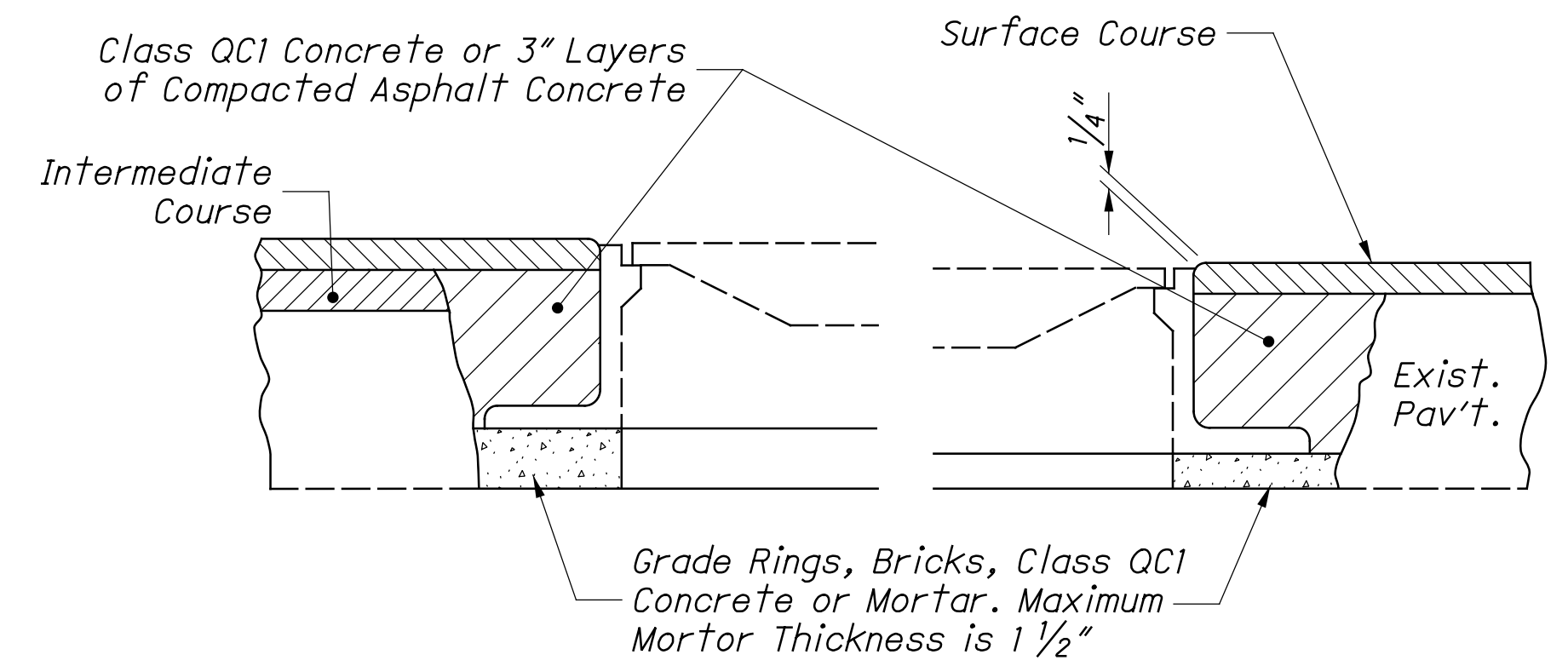
SHEET TOTAL
2 2



LAPPING LONGITUDINAL JOINTS
(see notes)

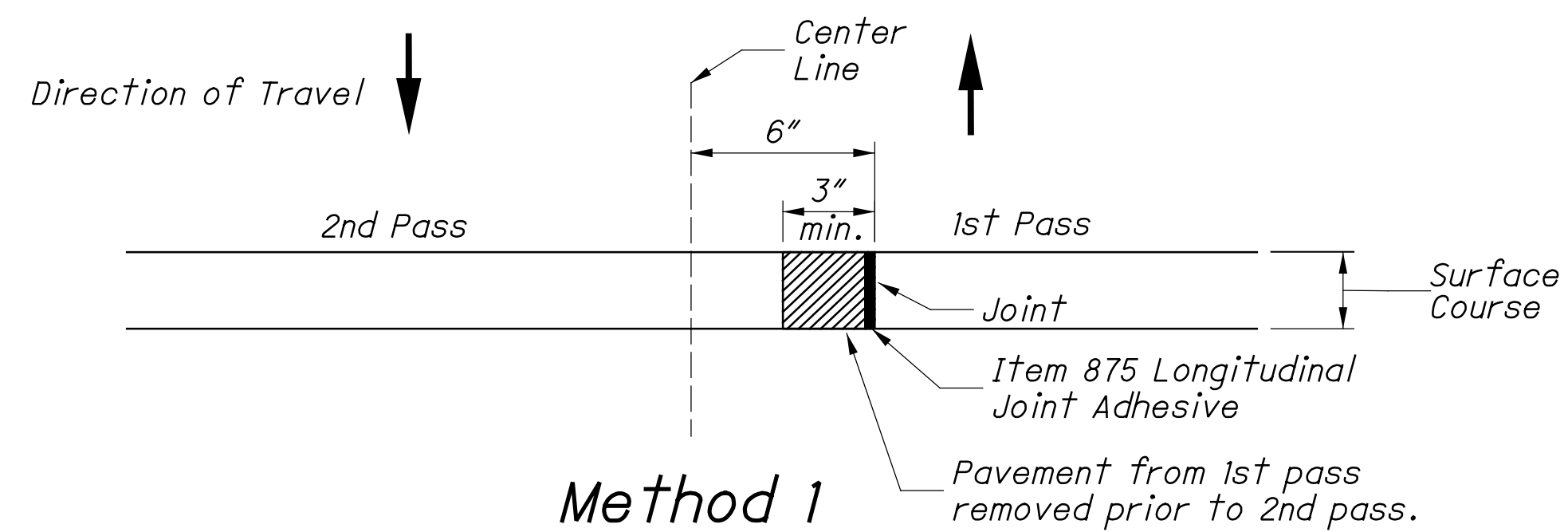


Using Metal Adjusting Rings

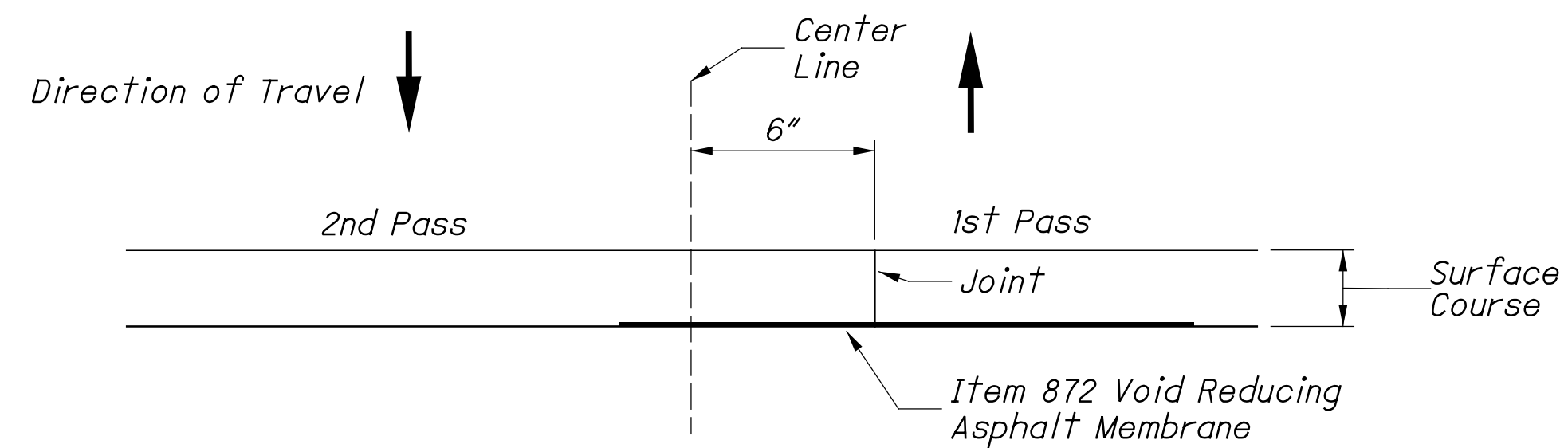


Using Concrete or Mortar

MANHOLES ADJUSTED TO GRADE

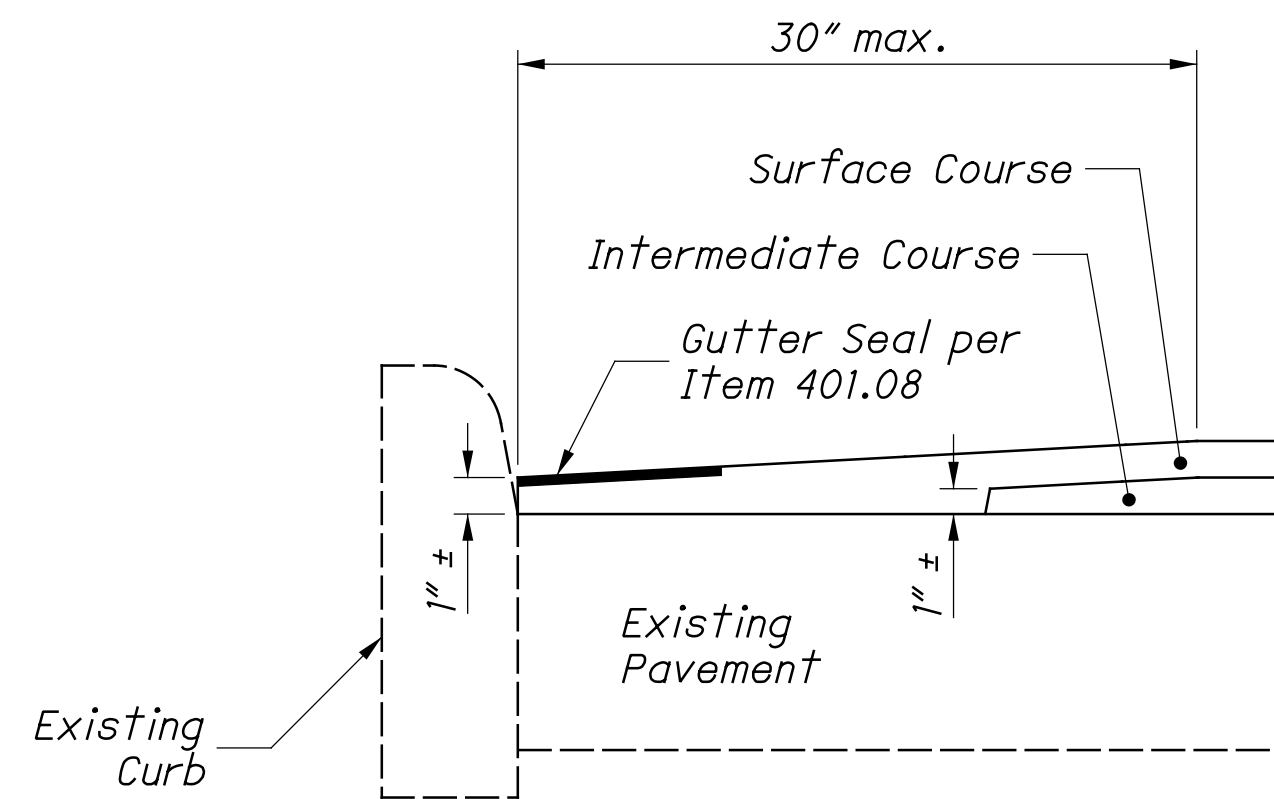


Method 1



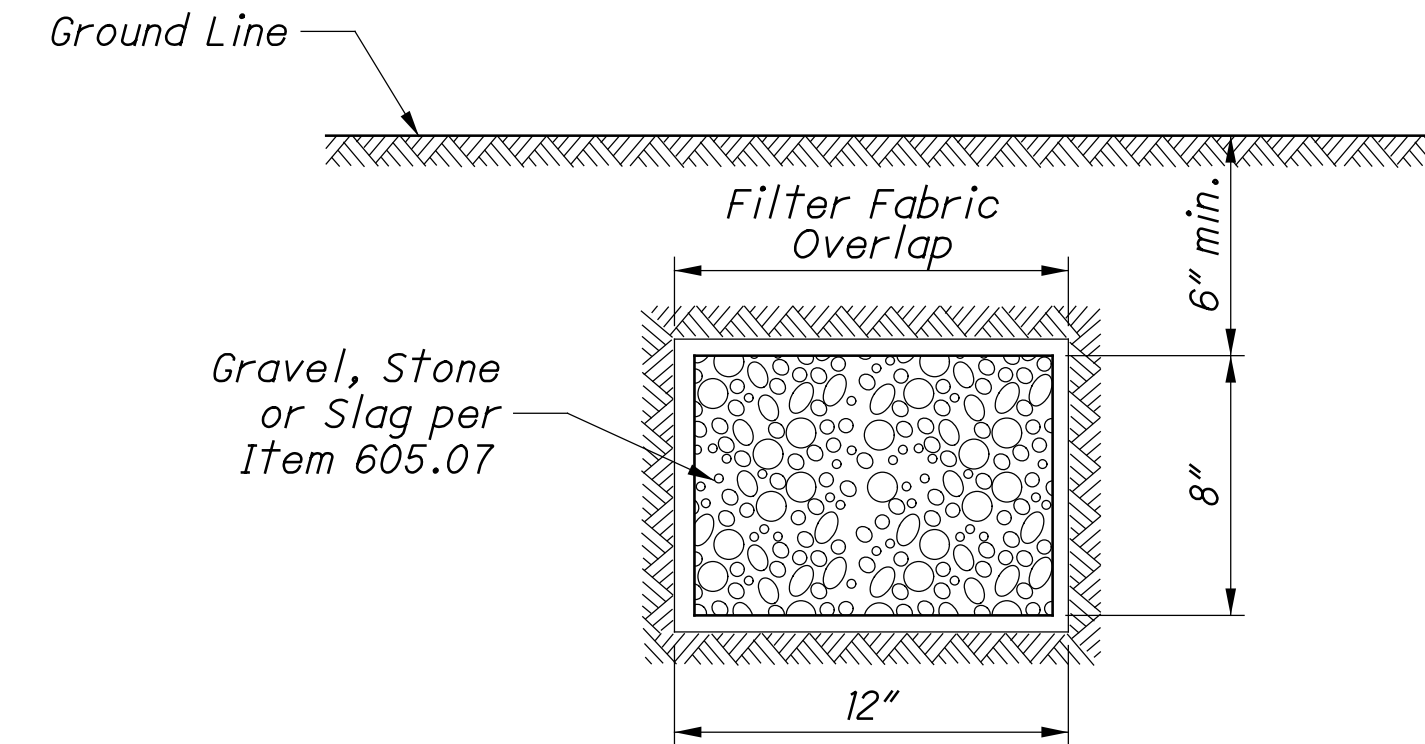
Method 2

LONGITUDINAL JOINT PREPARATION
(if specified)



Special care shall be taken during construction to obtain maximum compaction of asphalt concrete in gutters.

GUTTER FINISH



Aggregate drains to be placed where and as directed by Engineer. Provide Filter Fabric when specified as a separate pay item.

AGGREGATE DRAIN

NOTES

GENERAL: Lap all longitudinal joints as shown regardless of the number of courses being placed. Do not construct a longitudinal joint directly above and in line with the longitudinal joint of previously placed material.

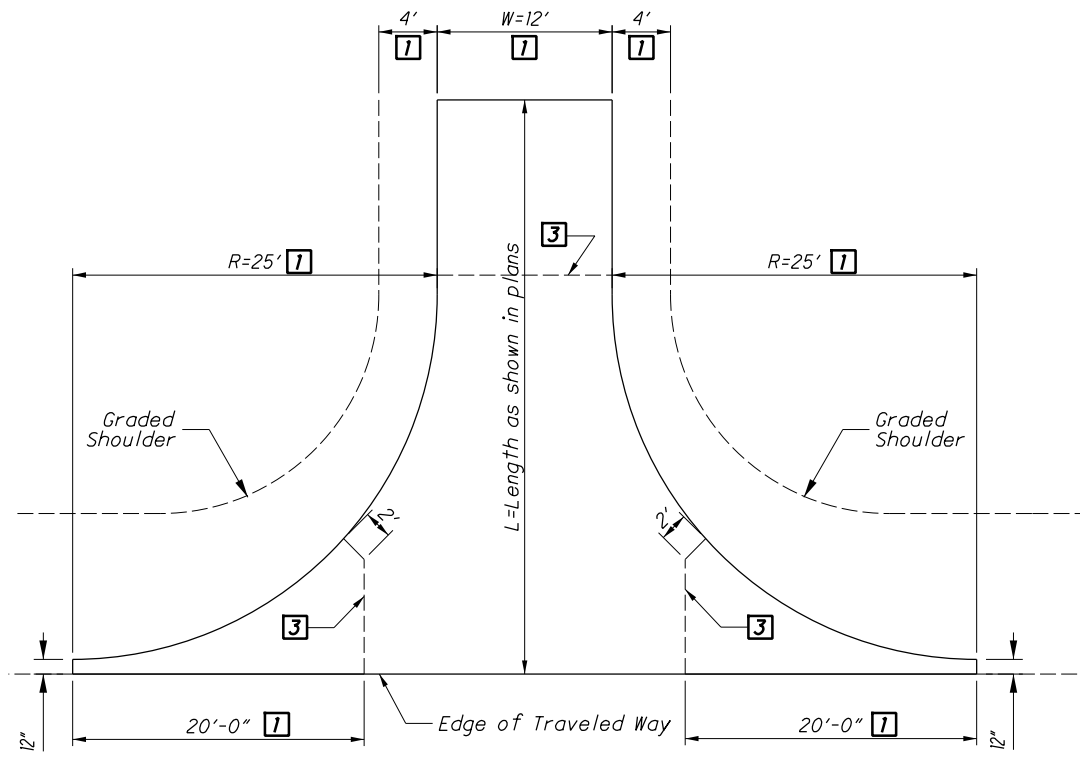
METAL ADJUSTING RINGS:

Metal adjusting rings shall:

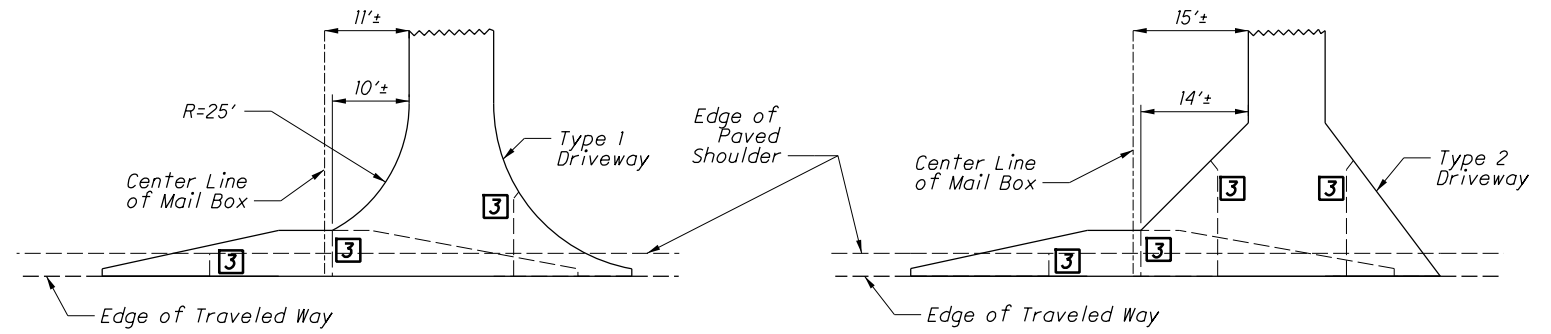
- (a) Attach securely to the existing frame by welding or mechanical devices;
- (b) Consist either of cast metal having an integral rim and seat, or be fabricated metal with a sturdy connection between the seat and rim; and
- (c) Provide an even seat for the manhole cover.

In addition, the adjusting ring type shall be a design acceptable to the local governmental agency responsible for street and sewer maintenance. Any installation unacceptable to the Engineer shall be replaced by the Contractor at his expense.

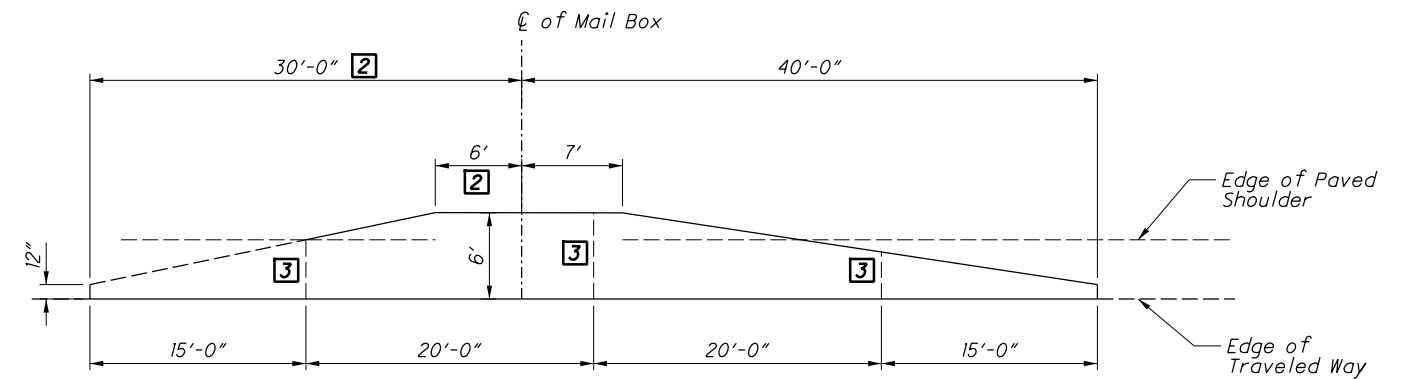
PAYMENT: The Department will pay for manholes adjusted to grade using Item 611 Manhole, Catch Basin, or Inlet Adjusted to Grade. The Department will pay for longitudinal joint preparation using Item 874 Longitudinal Joint Preparation.



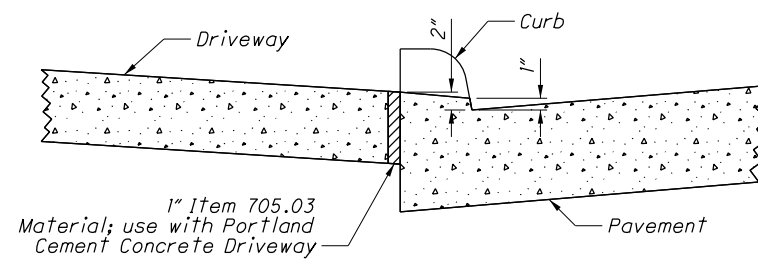
TYPE 1 DRIVEWAY



COMBINED DRIVEWAY & MAIL BOX APPROACH

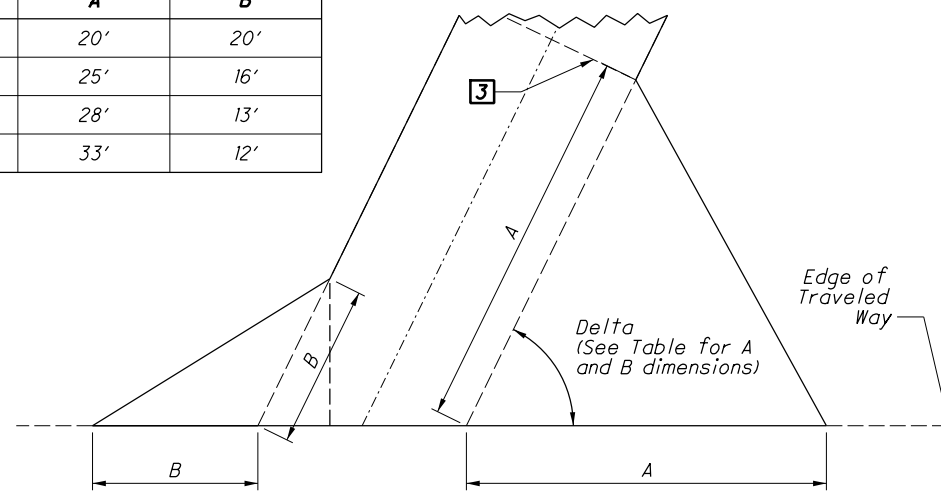


TYPICAL MAIL BOX APPROACH



DROP CURB DETAILS AT DRIVEWAYS

Delta	A	B
80° to 90°	20'	20'
75° to 85°	25'	16'
65° to 75°	28'	13'
55° to 65°	33'	12'



TYPE 2 SKEWED DRIVEWAY

Transition from Standard Curb Section to Drop Curb Section to be made in 18" distance from Driveway

NOTES

GENERAL: The design details shown here shall govern the construction of driveways unless otherwise shown in the project plans.

The pavement type and thickness shall be specified in the project plans.

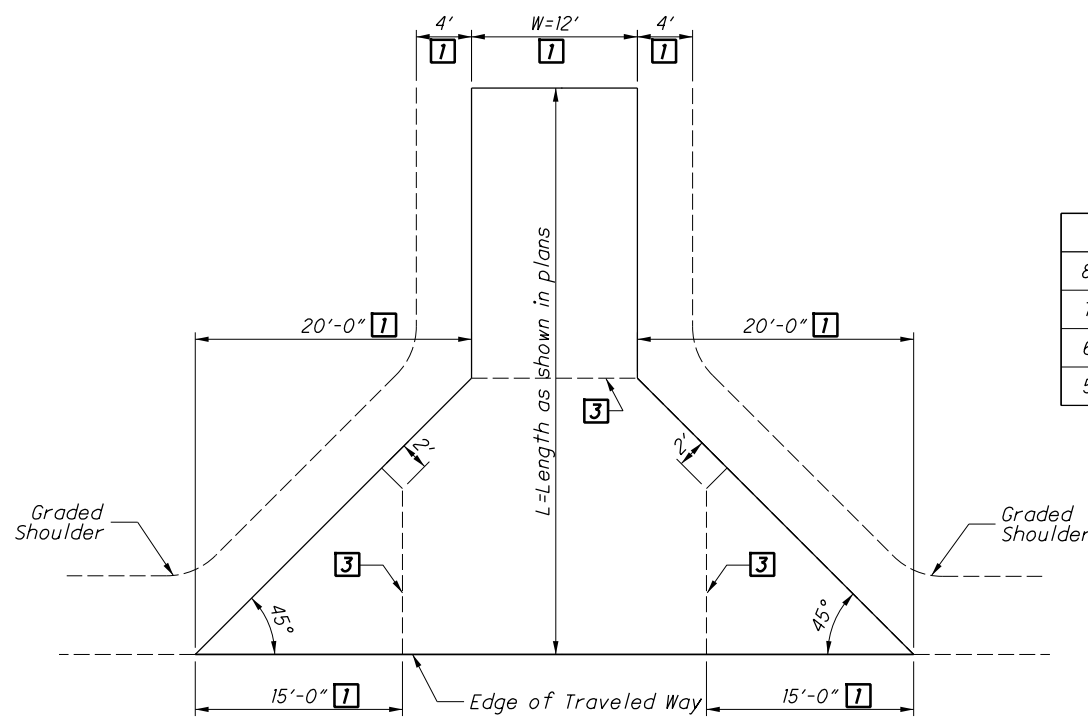
Driveway and mail box approaches shall be combined when feasible.

JOINTS: Impressed joints for portland cement concrete driveways shall be 1/4" minimum width by 3"± depth and shall be sealed with Item 705.04 or ASTM D 1850.

In addition to the joints shown here, impressed joints without tie bars shall be placed in portland cement concrete driveways at intervals not to exceed 17' in the portion of the driveway beyond the flare.

LEGEND

- 1 Unless otherwise shown in the plans.
- 2 Add 3' for each additional Mail Box
- 3 Impressed Joint without Tie Bars for Portland Cement Surface



TYPE 2 DRIVEWAY

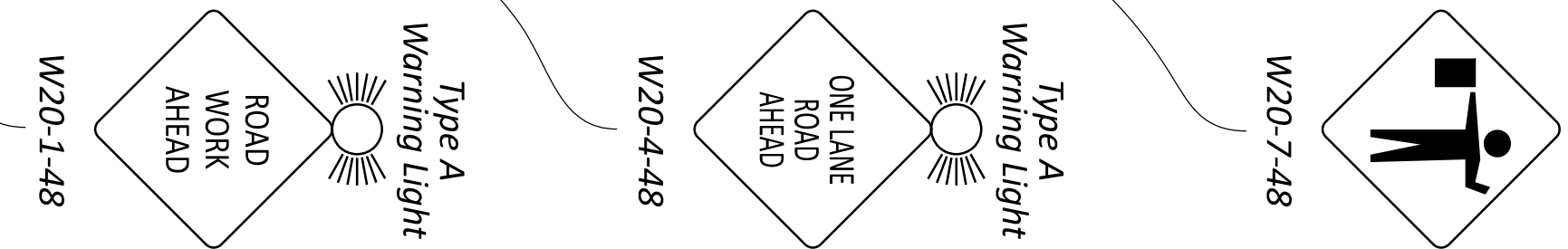
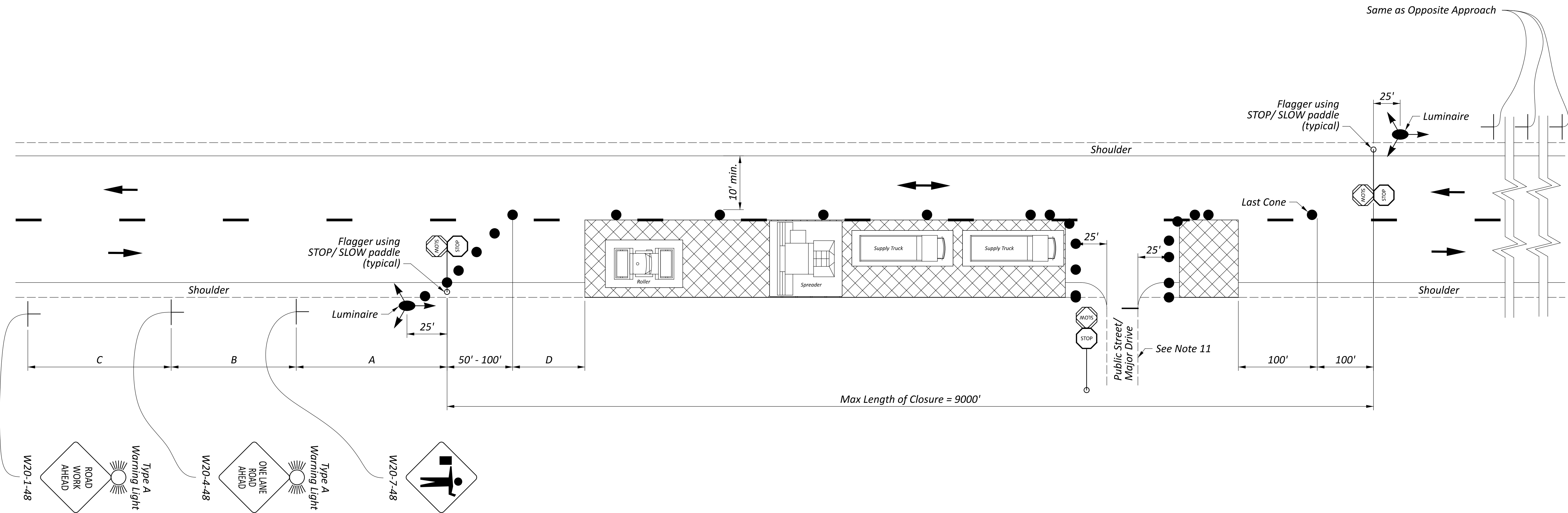
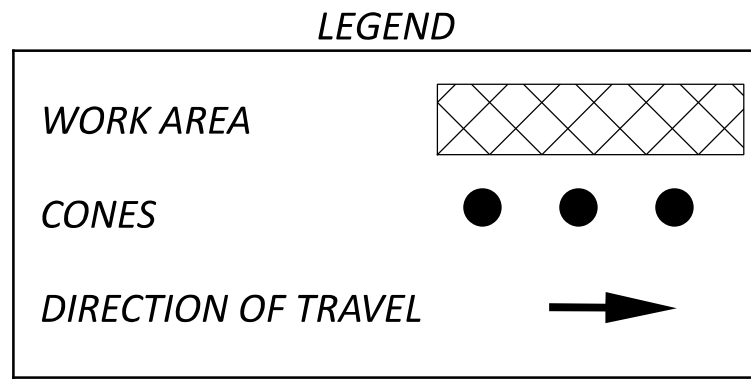


TABLE I (SIGN SPACING)

ROAD TYPE	DISTANCE BETWEEN SIGNS (FT)		
	A	B	C
Two-Lane (≤ 40 MPH)	100	100	100
Two-Lane (45-50 MPH)	350	350	350
Two-Lane (55-60 MPH)	500	500	500

TABLE II

SPEED LIMIT (MPH)	BUFFER (D) (FT) MIN.
25	155
30	200
35	250
40	305
45	360
50	425
55	495
60	570



NOTES

FLAGGERS

- 1. *Flaggers, one for each direction, shall be used to control traffic continuously for as long as a one-lane, two-way operation is in effect. The flaggers shall be able to communicate with each other at all times.*

LENGTH OF CLOSURE

- 2. *It is required that the length of closure be kept to a minimum at all times, as directed by the Engineer, with a maximum allowable length of 9000'.*

When the ambient temperature exceeds 80°F the Engineer may increase the maximum allowable length of closure to allow for sufficient cooling of new pavement.

The Engineer may shorten the maximum allowable length of closure to relieve excessive traffic backups or to improve traffic operation.

SIGN LOCATION AND SPACING

- 3A. *The minimum spacing between work zone signs is shown in Table I. Maximum spacing should not be greater than 1.5 times the distances shown in Table I.*
- 3B. *Sign spacing should be adjusted to avoid conflict with existing signs. Minimum spacing to existing signs shall be 200' for speeds of 45 mph or less and a minimum of 400' for speeds of 50 mph or greater.*
- 3C. *The location of the advance warning signs should be adjusted to provide for adequate sight distance for the existing vertical and horizontal roadway alignment.*

ADJUSTMENTS FOR SIGHT DISTANCE

- 4. *The location of the flagger station and the advance warning signs should be adjusted to provide for adequate sight distance for the existing vertical and horizontal roadway alignment.*

BASIC SIGNING

- 5A. *ROAD WORK AHEAD (W20-1) signs shall be provided on entrance ramps or roadways entering the work limits.*
- 5B. *END ROAD WORK (G20-2) signs are only required for lane closures of more than 1 day. It is intended that these signs be placed on the mainline, on all exit ramps, and on roadways exiting the work limits.*
- 5C. *Overlapping of signing for adjacent projects should be avoided where the messages could be confusing. Any ROAD WORK AHEAD or END ROAD WORK sign which falls within the limits of another traffic control zone shall be omitted or covered during the period when both projects are active.*

SIGNING DETAILS

- 6A. *The Advisory Speed (W13-1P) plaque shall be used when specified in the plan.*
- 6B. *36" warning signs may be used when the approach speed limit is 40 mph or less.*

FLASHING WARNING LIGHTS

- 7. *Type A flashing warning lights shown on the ROAD WORK AHEAD (W20-1) signs and on the ONE LANE ROAD AHEAD (W20-4) signs are required whenever a night lane closure is necessary.*

CONES

- 8A. *Cone spacing shall be as follows:*
 - a) *Spacing along the buffer and along the work space (entire closed length beyond the buffer) shall be 40' center-to-center.*
 - b) *Spacing along the approach taper shall be 10' center-to-center.*
- 8B. *Cone sizes shall be as follows:*
 - a) *Cones used for daytime traffic control shall have a minimum height of 28".*
 - b) *Cones used for nighttime traffic control shall have a minimum height of 42".*
- 8C. *Provisions shall be made to stabilize the cones to prevent them from blowing over.*
- 8D. *A minimum of two cones shall be used to close the paved shoulder.*

(RESERVED FOR FUTURE USE)

- 9A. *(intentionally blank)*

AREA ILLUMINATION

- 10A. *Adequate area illumination of each flagger station shall be provided at night. Use of portable flood lighting is acceptable.*
- 10B. *To ensure the adequacy of floodlight placement and the elimination of glare, the Contractor and the Engineer shall drive through the worksite each night when the lighting is in place. Light placement and shielding shall be adjusted to the satisfaction of the Engineer.*

INTERSECTION/ DRIVEWAY ACCESS

- 11. *Within the length of closure, provision shall be made to control traffic entering from intersecting streets and major drives as necessary to prevent wrong way movements and to keep vehicles off of new pavement not ready for traffic. The Contractor shall:*
 - a) *Place across the closed lane, either three cones or barricades, and/ or*
 - b) *Provide an additional flagger at every public street intersection and major driveway.*

Cones placed across the closed lane shall be located 25' beyond the projected pavement edges of the driveway or cross highway. For barricades, see Standard Construction Drawing MT-101.60.

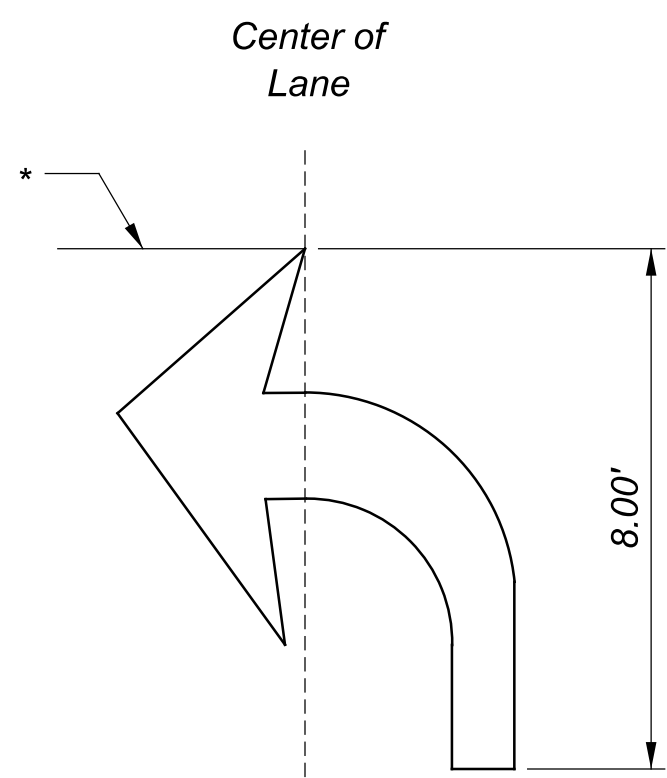
Existing STOP signs shall be relocated as necessary to ensure proper location for the traffic conditions.

The method of control shall be subject to the approval of the Engineer.

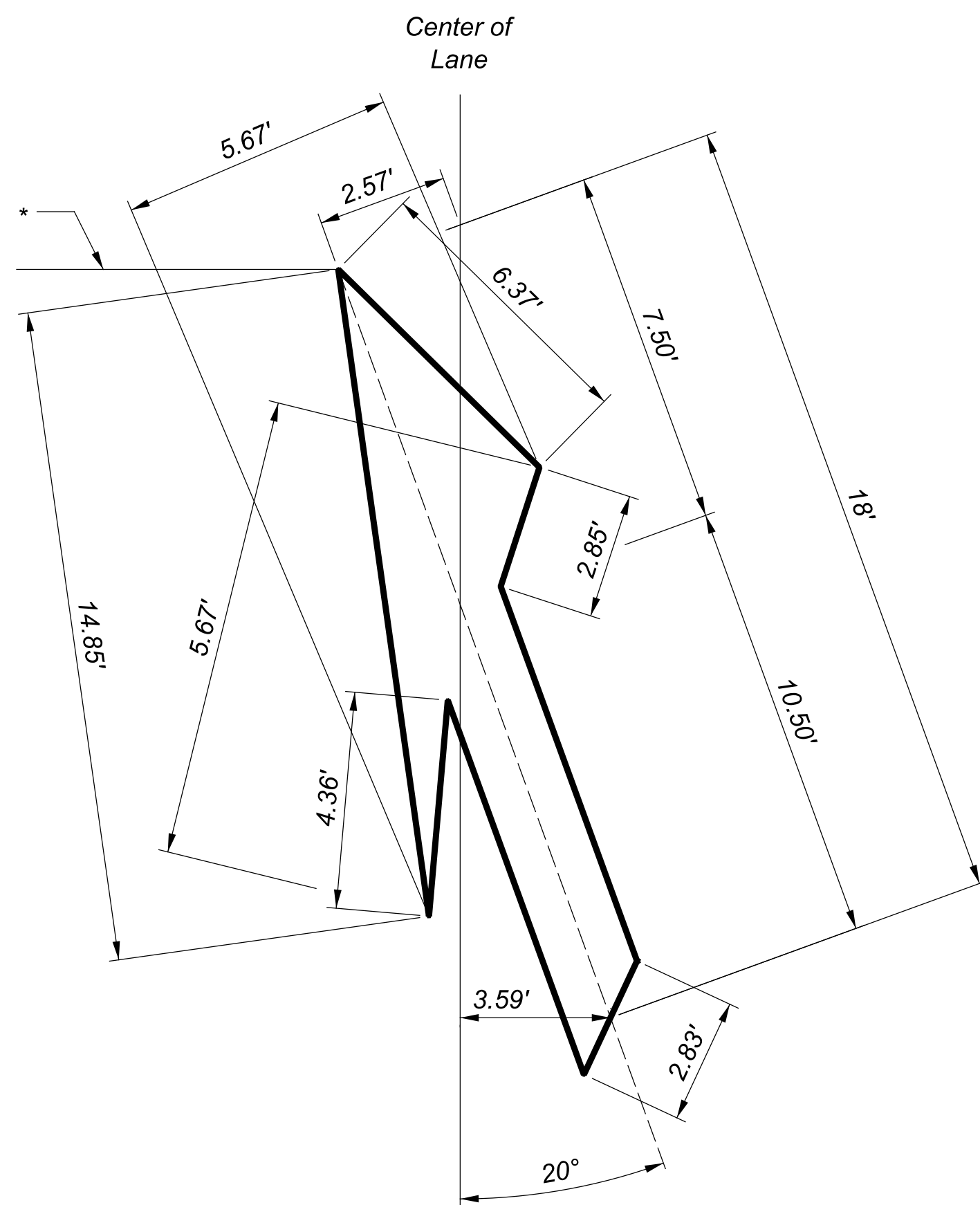
CHIP SEAL OPERATIONS

- 12. *For chip seal operations, additional signing shall be incorporated in accordance with CMS 422.09.*





TURN ARROW
 (Right Arrow Opposite)

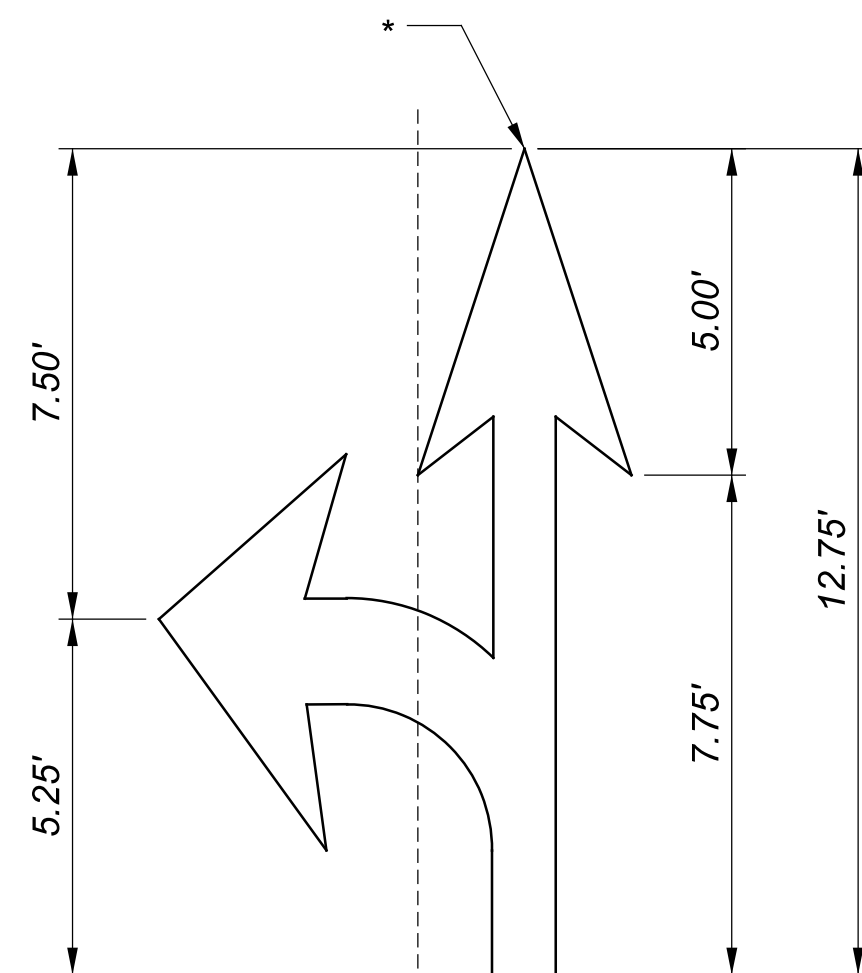


LANE-REDUCTION ARROW (RIGHT)
 (For Left Lane, Use Mirror Image)

TABLE 1 - LANE-USE ARROWS

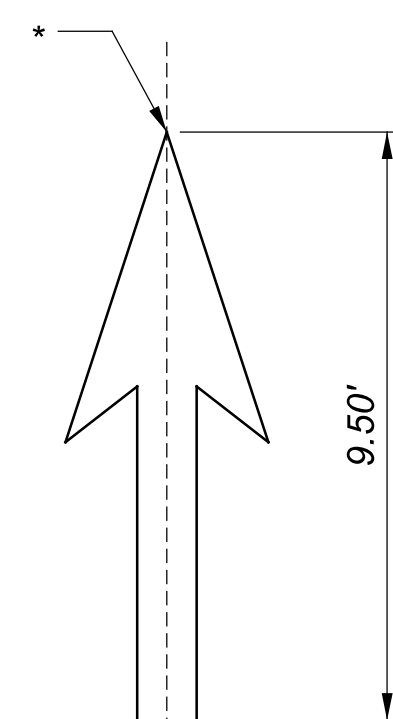
ARROW TYPE	SIZE (FT)	AREA (SQ FT)
Turn Arrow	8.00	17
Through Arrow	9.50	13
Turn and Through Arrow	12.75	28
Lane-Reduction Arrow	18.00	46

* - Indicates Station Reference Point

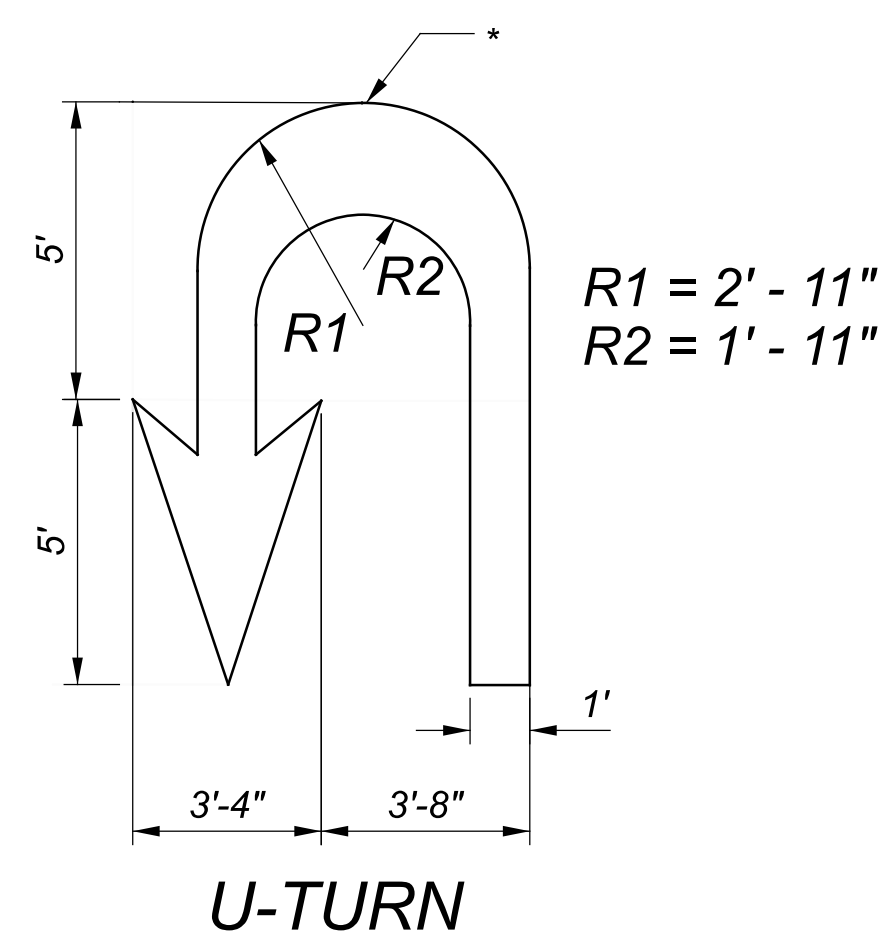


TURN AND THROUGH ARROW

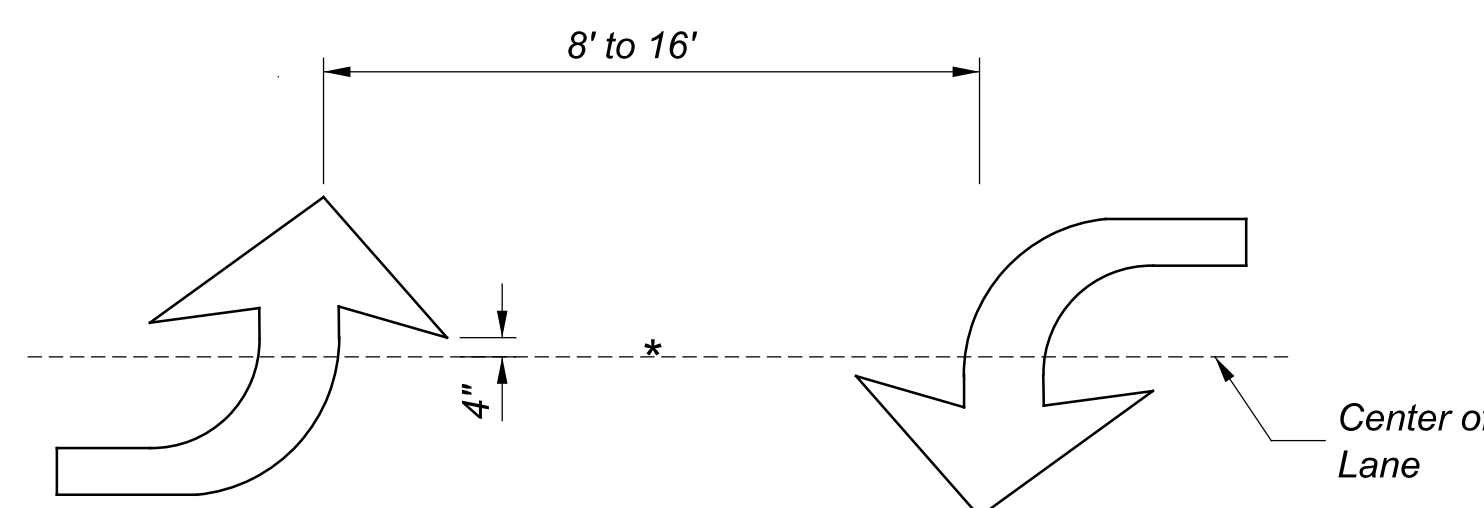
(Three-Headed Directional Arrows Can be Achieved by the Combination of Turn Arrows.)



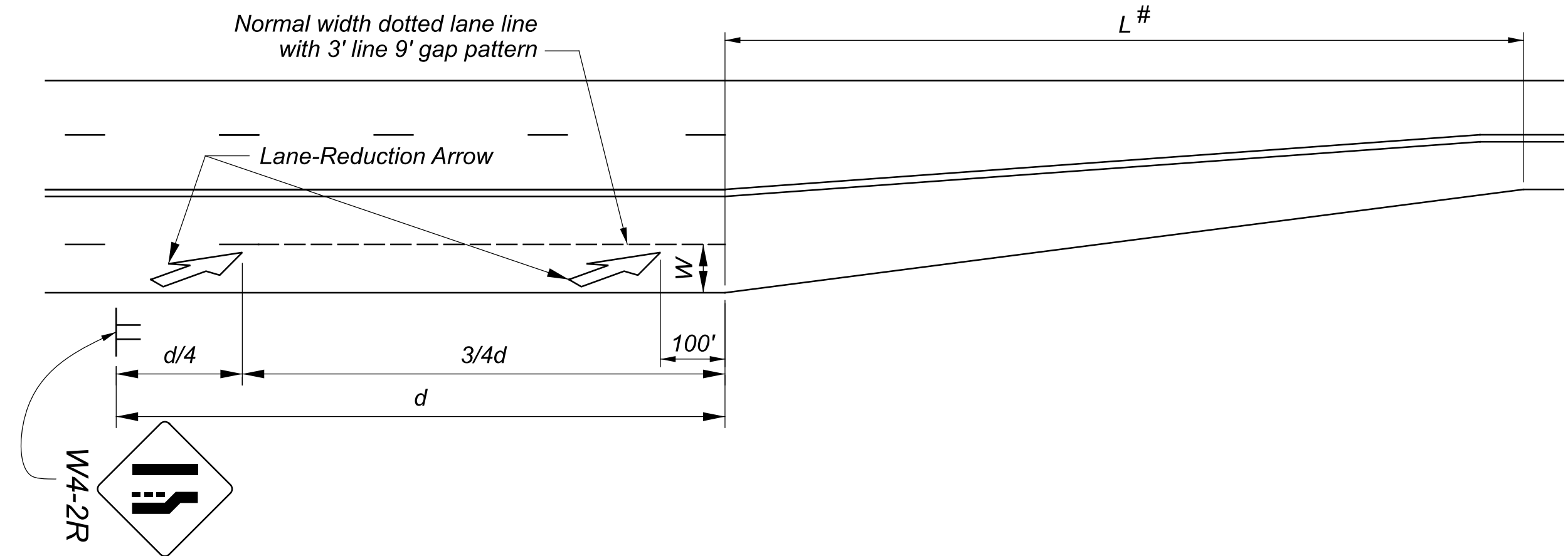
THROUGH ARROW



U-TURN



TWO-WAY LEFT-TURN ARROWS
 (See Note 6)



Speed (S) (MPH)	Lane Width (W) (FT)	Taper Length (L) # (FT)	Advance Warning Distance (d) (FT)
25	12	125	325
30	12	180	460
35	12	245	565
40	12	320	670
45	12	540	775
50	12	600	885
55	12	660	990
60	12	720	1100
65	12	780	1200
70	12	840	1250

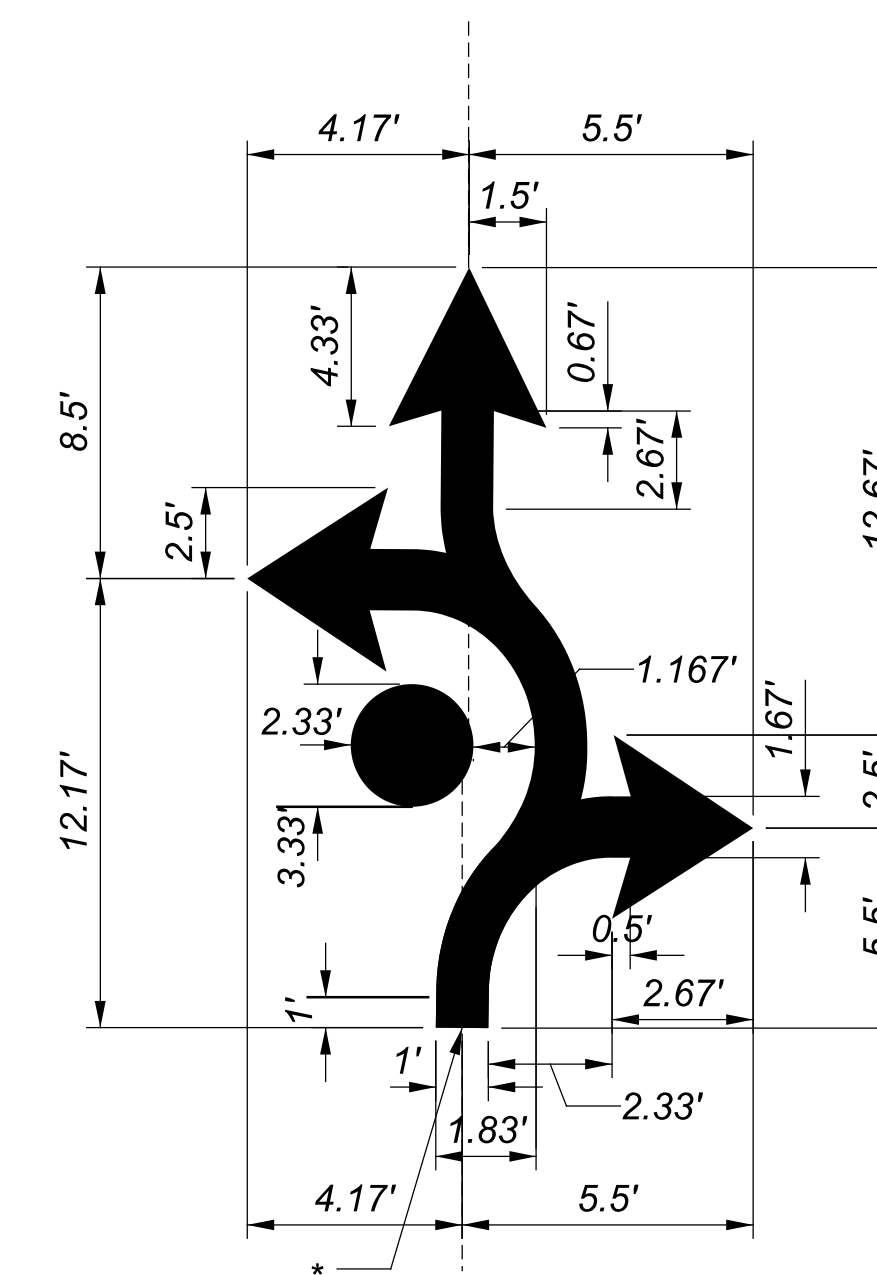
LANE-REDUCTION ARROW MARKING DETAIL

(See Note 8)

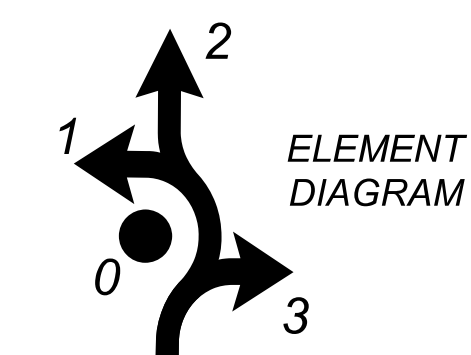
Taper Length (L) shown is for 12 foot lane width (W).
 Use formula for other lane widths.

S - Posted, 85th-percentile or statutory speed, in MPH
 W - Lane width or offset, in feet

L - Taper length in feet for Speed < 45 MPH = $WS^2 / 60$
 L - Taper length in feet for Speed > 45 MPH = WS
 d - Advance Warning Distance, in feet



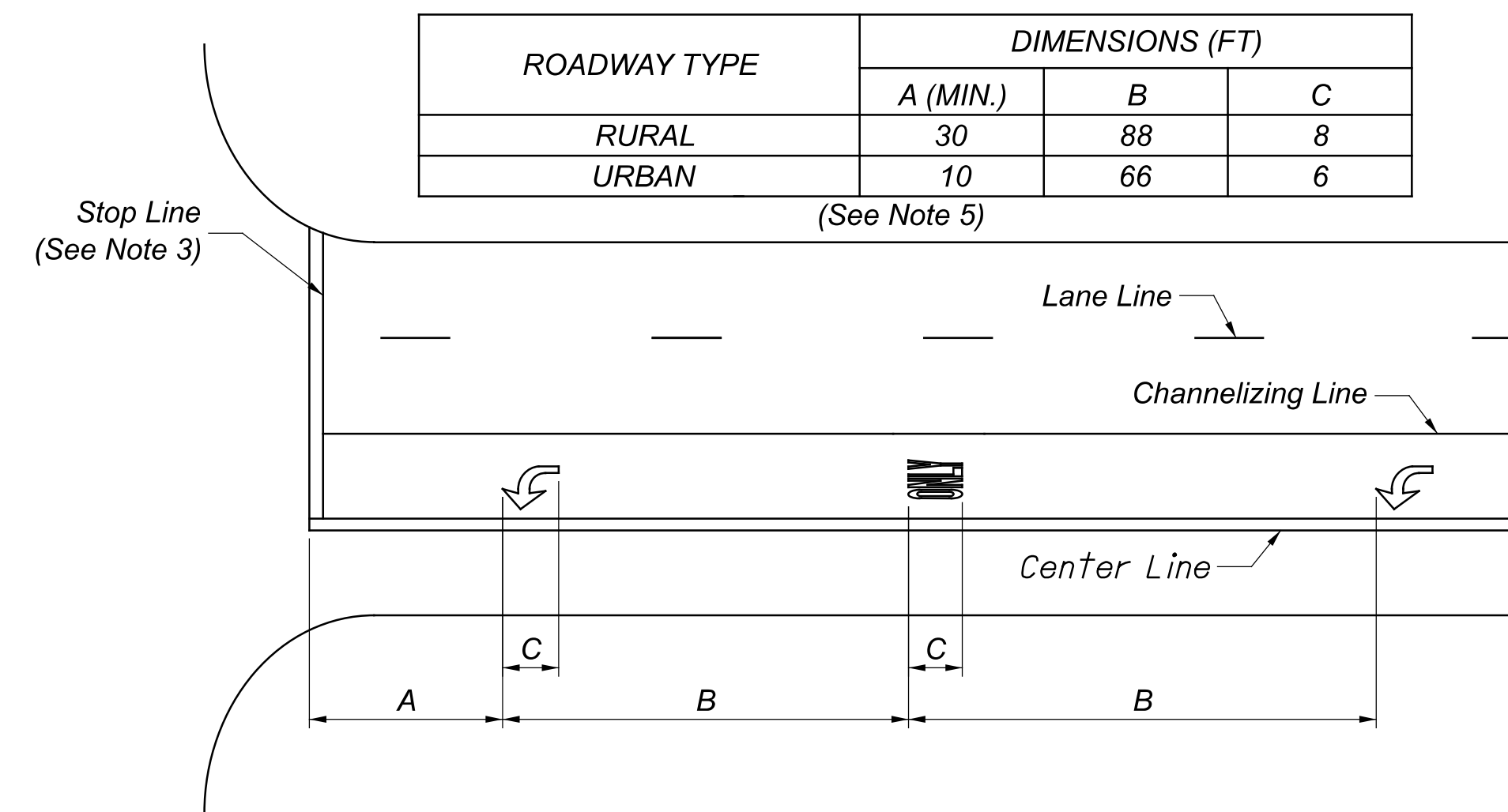
FISH-HOOK ARROW (ROUNDBABOUTS)



OVERALL DIMENSIONS		
ELEMENTS INCLUDED	OVERALL WIDTH	OVERALL HEIGHT
1	6.5'	14.67'
1 & 2	6.5'	20.67'
1 & 3	9.67'	14.67'
1, 2 & 3	9.67'	20.67'
0 & 2*	4.5'	20.67'
0, 2 & 3*	7.67'	20.67'
2	3.833'	20.67'
2 & 3	7.0'	20.67'
3	6.0'	8.0'

* THE DOT (ELEMENT 0) IS ONLY USED IN SYMBOLS FOR THE LEFTMOST LANE.

TABLE 4 - LANE USE MARKINGS



SHARED-USE PATH AND BIKEWAY MARKINGS

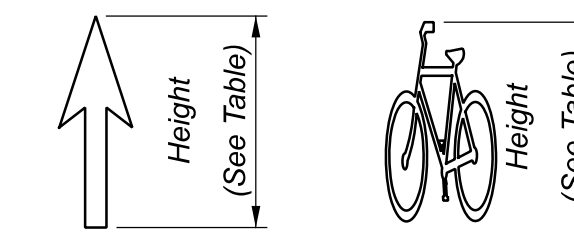
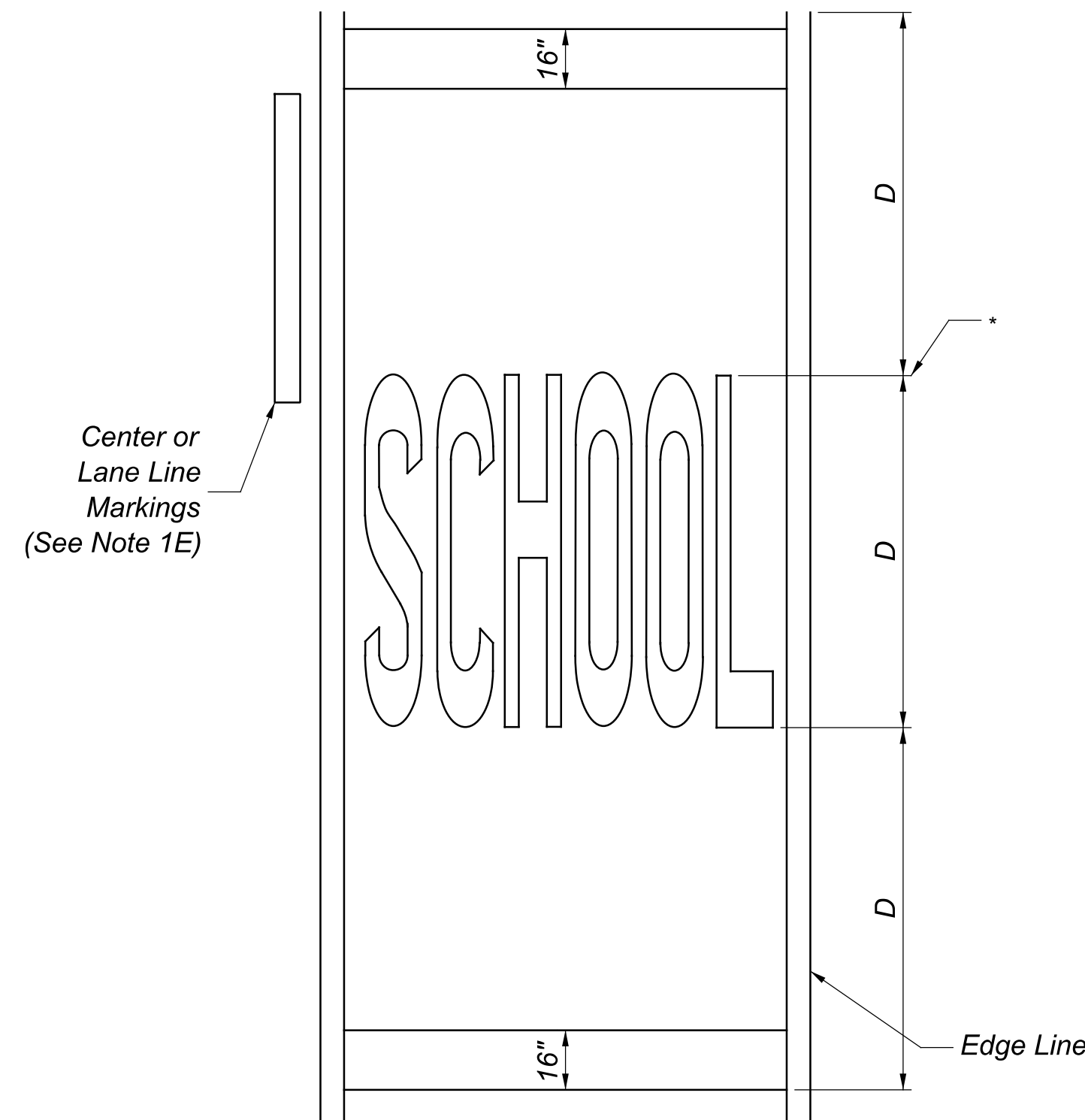
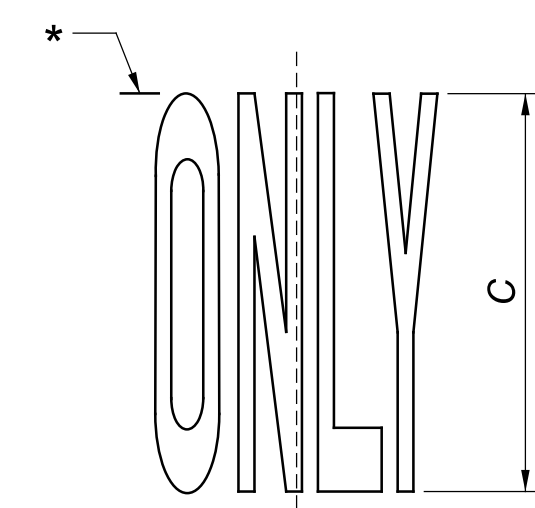


TABLE 1 - BIKEWAY MARKINGS

FACILITY TYPE	HEIGHT (FEET)	STRAIGHT ARROW	BIKE SYMBOL	HWY	XING	RXR SYMBOL
		AREA (SQUARE FEET)				
SHARED USE PATH	4	---	---	5	6	---
	10	---	---	---	---	16
BICYCLE LANE	6	6	5	---	16	---
ROADWAY-URBAN	6	5	5	---	16	---
ROADWAY-RURAL	8	7	7	---	21	---

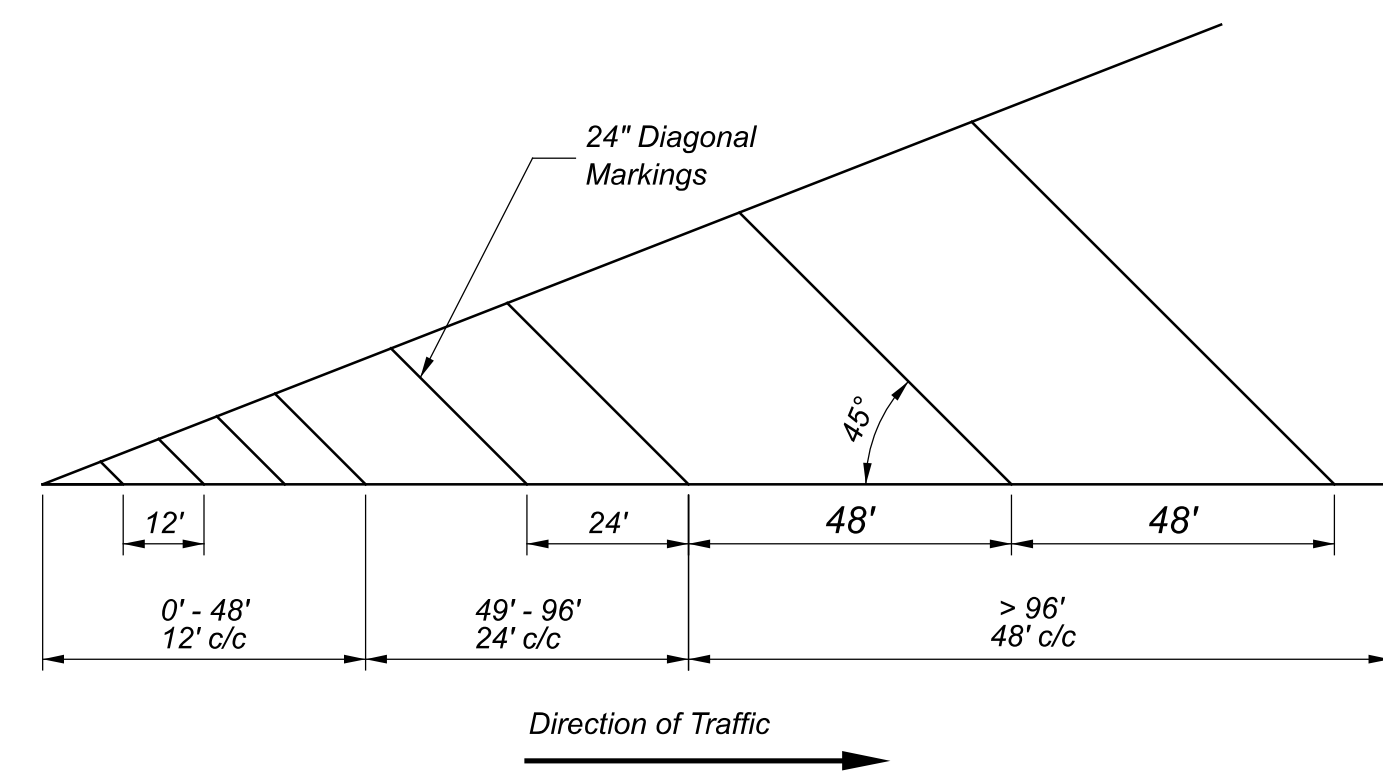


SCHOOL WORD MARKING
 (See Note 1)



ONLY WORD MARKING
 (See Note 4)

WORD	HEIGHT (C, D)		
	URBAN	RURAL	MULTI-LANE
ONLY (C)	17	23	N/A
SCHOOL (D)	27	37	90



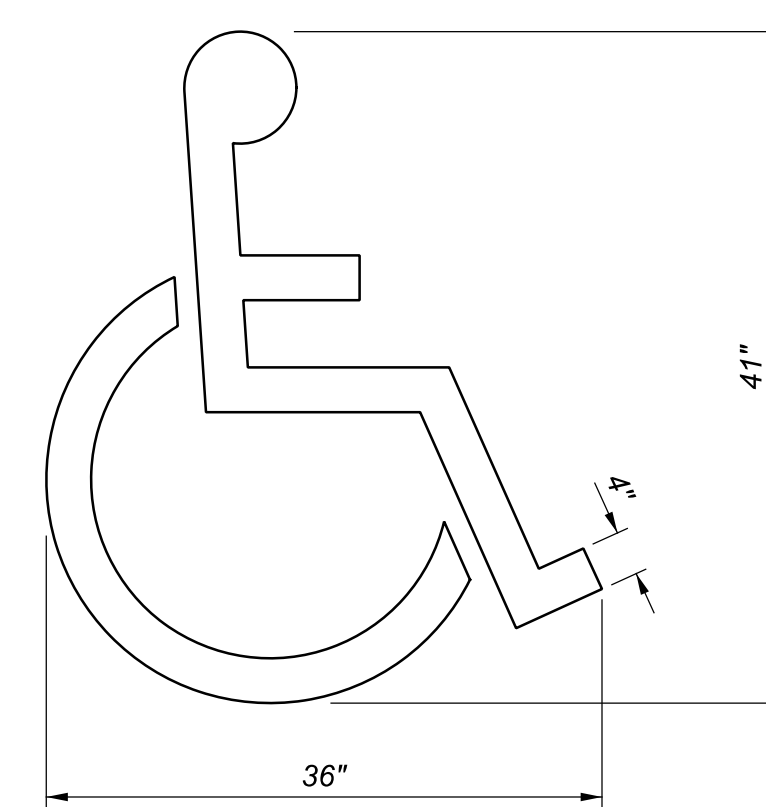
TYPICAL SPACING DETAIL FOR 24" DIAGONAL MARKINGS

(Chevron Markings, Including a Spacing Table, are Shown on SCD TC-72.20.)

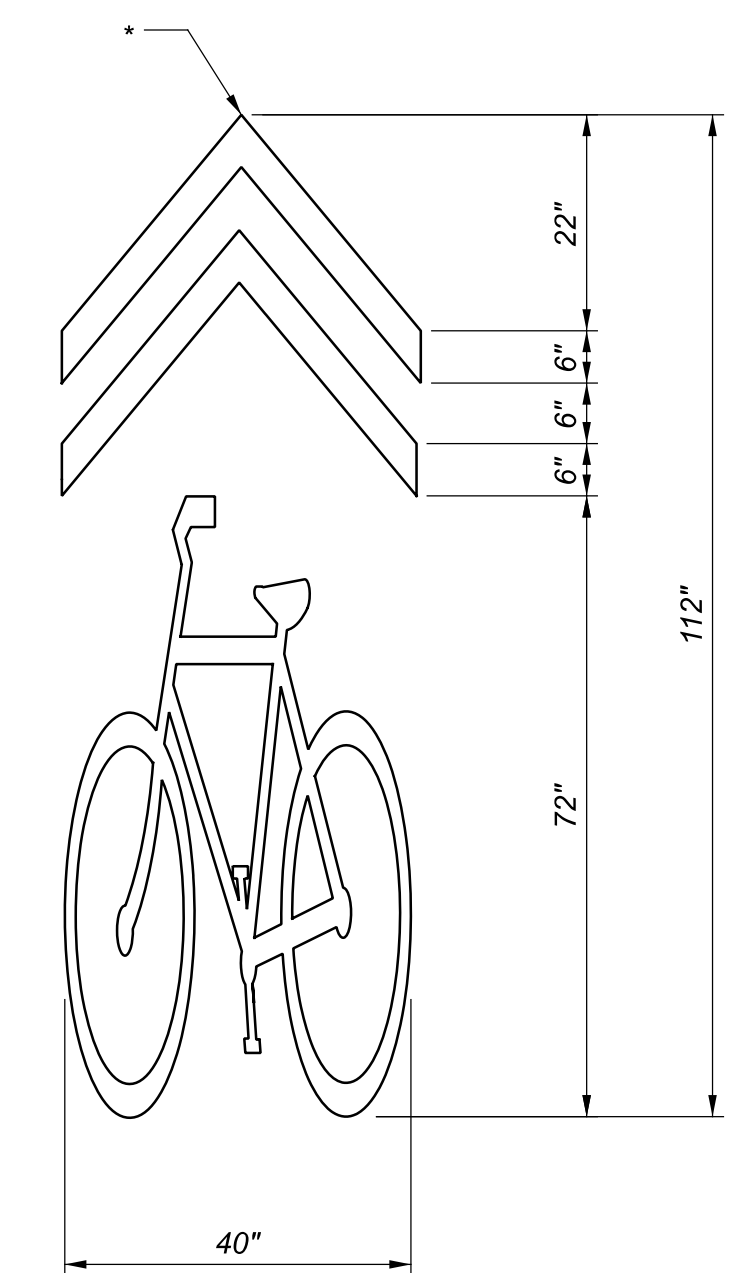
* - Indicates Station Reference Point

TABLE 2 - HANDICAP, BIKE & CHEVRON MARKINGS

SYMBOL	HEIGHT (IN)	WIDTH (IN)	AREA (SQ FT)
HANDICAP	41	36	2.7
BIKE	72	40	16
CHEVRON	40	40	3.3 (.83 x 4)

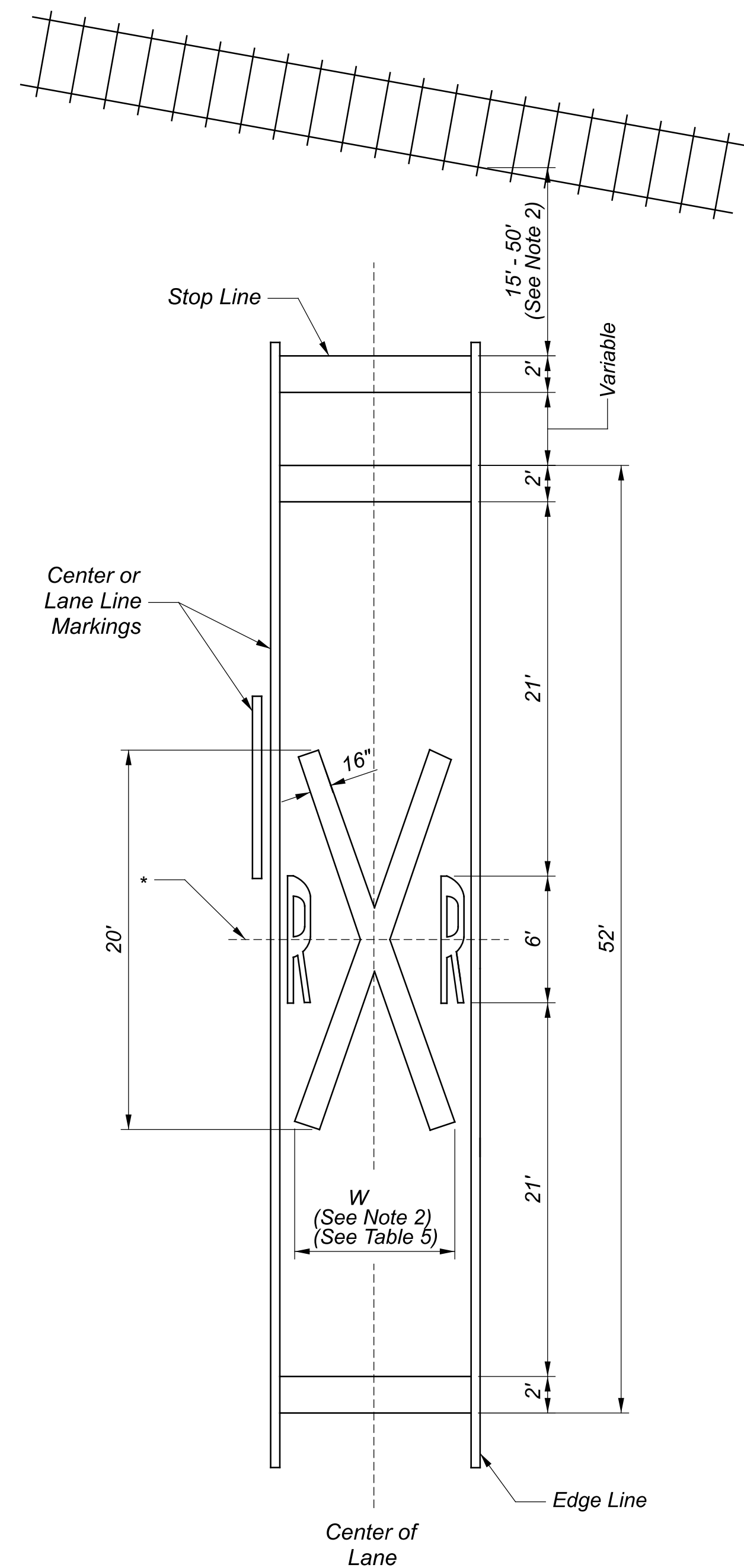


HANDICAP SYMBOL MARKING



SHARED LANE MARKING
 (See Note 7)



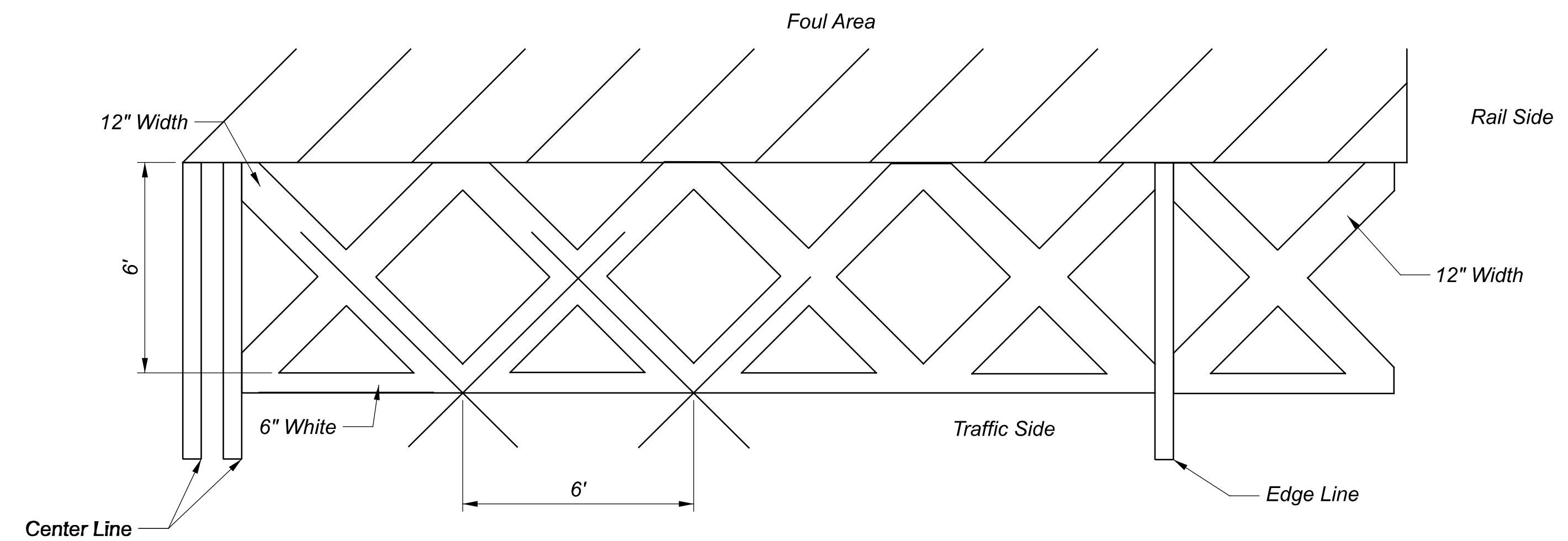


RAILROAD SYMBOL MARKING

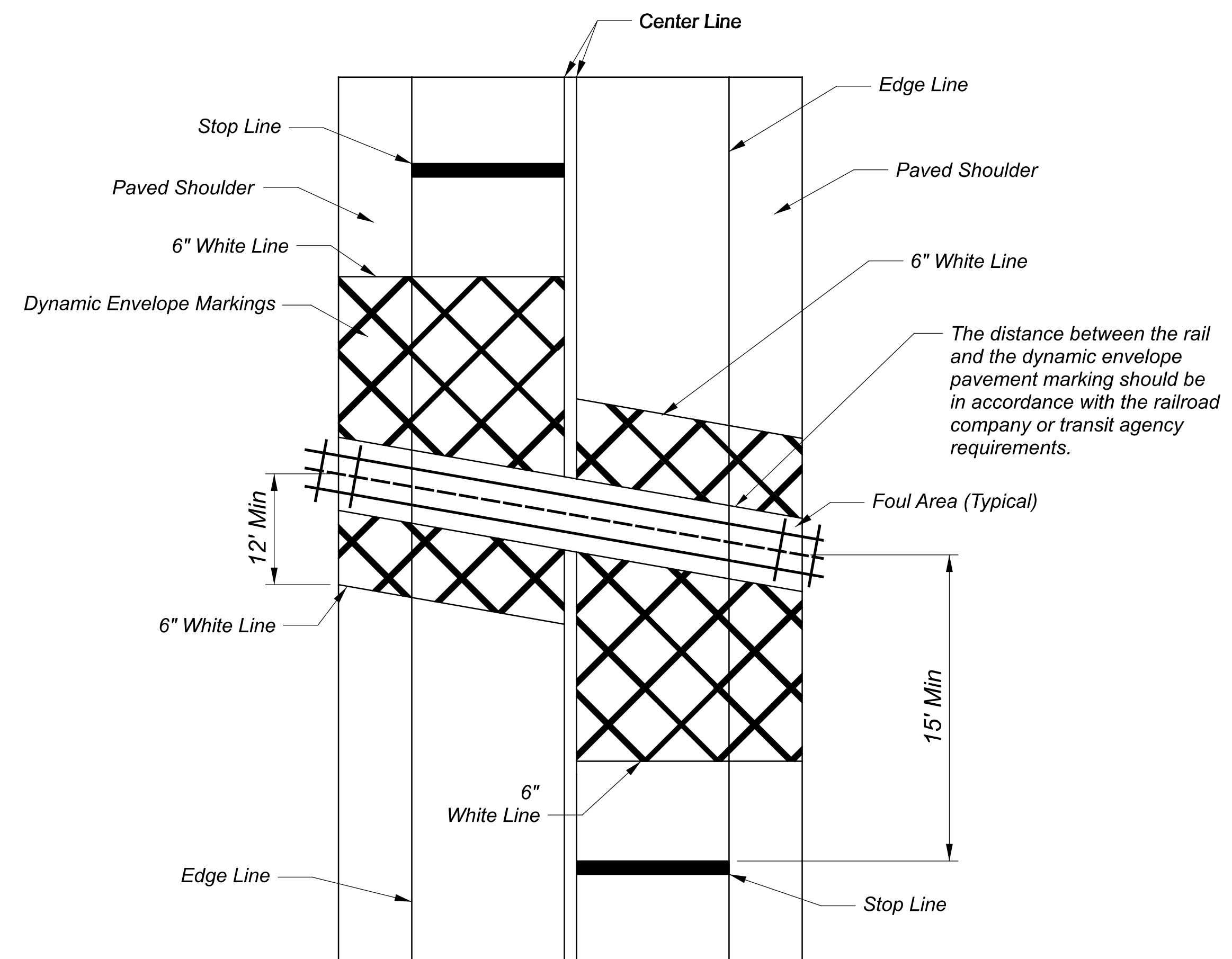
(See Note 2)

TABLE 5 - R X R SYMBOL

	WIDTH (W) (FT)	8	9	10	11	12
	AREA (SQ FT)		67	68	70	71



DYNAMIC ENVELOPE MARKINGS



DYNAMIC ENVELOPE AND DO NOT OCCUPY INTERSECTION MARKINGS LAYOUT

NOTES:

SCHOOL Marking

- 1A. The SCHOOL markings shall be installed on all paved approaches in advance of all School Zones.
- 1B. The SCHOOL markings should be placed at least 100' in advance of the School Zone. The preferred placement of the SCHOOL marking is adjacent to the School Zone Advance sign.
- 1C. On two-way, two-lane highways the following shall apply:
 - 1.) When the approach lane to the School Zone is 11' or more in width -
 - a.) The SCHOOL word marking and transverse lines shall be contained in, and centered in, the lane.
 - b.) The character height shall be 6' for urban areas and 8' for rural areas.
 - 2.) When the approach lane to the School Zone is less than 11' in width -
 - a.) One installation of the SCHOOL word marking and transverse lines shall extend across both lanes of traffic.
 - b.) The characters shall be 10' in height.
- 1D. On multi-lane approaches the following shall apply -
 - 1.) When the approach lanes to the School Zone are 11' or more in width -
 - a.) The SCHOOL word marking and transverse lines shall be contained in, and centered in, each lane.
 - b.) The character height shall be 6' for urban areas and 8' for rural areas.
 - 2.) When the approach lanes to the School Zone are less than 11' in width -
 - a.) One installation of the SCHOOL word marking shall extend to the width of two approach lanes.
 - b.) Transverse lines shall extend across all approach lanes of traffic.
 - c.) The characters shall be 10' in height.
- 1E. Center or lane lines shall not pass through the SCHOOL word marking.
- 1F. 6' and 8' high SCHOOL word marking shall be marked with 4" strokes.

10' high SCHOOL word marking shall be marked with 8" strokes.
- 1G. The area of the transverse lines varies with the width of the pavement; therefore, the area must be added to the value in Table 3 (sheet 2).

Railroad Crossing Markings

- 2A. On multi-lane approaches, markings shall be as follows -
 - a.) The RXR symbol shall be placed in each approach lane.
 - b.) Transverse lines used with the railroad symbols shall extend across all approach lanes.
- 2B. The railroad symbol should be located so that the Railroad Advance Warning (W10-1) sign is within the two transverse boundary lines of the railroad symbol.
- 2C. The stop line shall be located for best sight distance between 15' - 50' of the near edge of the tracks.
- 2D. The stop line shall be approximately 8' from a gate (if present).
- 2E. Width (W) of the "X" will vary according to the lane width.
- 2F. The height of the "R" shall be 6'.
- 2G. The area of the transverse lines and stop lines varies with the width of the pavement; therefore the area must be added to the value in Table 5 (sheet 3).
- 2H. Dynamic Envelope Markings consist of a 6-inch white channelizing line placed a minimum of 6-feet away and parallel to the nearest outside edge of rail at a highway-rail grade crossing. The Dynamic Envelope Markings also consists of 12-inch white diagonal markings arranged at 6-foot centers in a 6-foot by 6-foot "X" layout (sheet 3).

Stop Line Marking

- 3A. Except as specified in Notes 3B and 3C, the stop line should be placed as follows:
 - a.) The stop line should be placed where cross-corner vision is maximum.
 - b.) In no case shall the stop line be placed more than 30' or less than 4' from the nearest edge of the intersecting roadway.
 - c.) For normal intersections the maximum distance should be 10'.
- 3B. If a marked crosswalk is present the stop line should be placed 4' in advance of, and parallel to, the nearest crosswalk line.
- 3C. For signalized intersections the stop line should be placed at a minimum distance of 40' from the nearest signal head.

ONLY Word Marking

- 4A. The ONLY word marking is optional.
- 4B. Where used, the spacing between ONLY and arrow markings should be based on Table 4 (sheet 2).
- 4C. When lane-use arrow markings are used and the ONLY marking is not, an additional lane-use arrow should be used in its place to retain the spacing as shown in Table 4 (sheet 2).

Lane-Use Arrow Markings

- 5A. Lane-use arrow markings are optional except where a through traffic lane(s) approaching an intersection becomes a mandatory turn lane(s).
- 5B. Where used, the spacing between markings should be based on Table 4 (sheet 2). However, based on the turn lane length, the spacing between the markings may be adjusted.

Two-Way Left-Turn Only (TWLTO) Arrows

- 6A. Arrow sets should be longitudinally spaced at intervals of:
 - a.) 500' - 1000' for speeds less than or equal to 40 mph,
 - b.) 1000' - 1500' for speeds over 40 mph
- 6B. In addition, an arrow set should be placed:
 - a.) 100' - 200' from the near edge of an intersecting roadway, or
 - b.) Inside both ends of TWLTO lanes.

Shared Lane Marking

- 7A. When chevron markings are used, its area must be added to the value of the bike symbol markings (see Table 2 on sheet 1).
- 7B. When used, the shared lane marking should be placed immediately after an intersection and spaced at intervals not greater than 250' thereafter.

Lane-Reduction Arrow Markings

- 8A. Lane-reduction arrow markings should be placed where a lane reduction transition occurs on a roadway as follows:
 - a.) Lane-reduction arrow markings may be placed for speeds of less than 45 mph, if determined to be appropriate based on engineering judgement.
 - b.) Lane-reduction arrow markings should be placed for speeds of 45 mph or over.
 - c.) Lane-reduction arrow markings may be placed in long acceleration lanes.
 - d.) Where lane-reduction arrows are used, they should be placed as follows:
 - i.) First lane-reduction arrow 100' in advance of the 'Begin Taper' point.
 - ii.) Second lane-reduction arrow placed at the 3/4d point.

Handicap Symbol Markings

- 9A. For the handicap symbol marking, a blue background and white border shall not be used.

